

# HP 3000 Computer Systems



## Price Guide

Effective February, 1985

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| Product Number                      | Description   | U.S. List Price (\$) | SMMC |
|-------------------------------------|---|----------------------|------|
| <b>SYSTEM PROCESSOR UNITS</b> ----- |   |                      |      |
| 32449A                              | HP 3000 Series 37 System Processor Unit includes 512Kb                            | 12,000               | 35   |
| 001                                 | Add-On ATP37  | 2,400                | 8    |
| 015                                 | 200-240 VAC System Operation  | 0                    | 0    |
| 507                                 | Expands Memory to 1024 Kb   | 2,500                | 4    |
| 509                                 | Expands Memory to 2048 Kb   | 6,500                | 20   |
| 252                                 | French  | 0                    | 0    |
| 253                                 | German  | 0                    | 0    |
| 256                                 | Spanish   | 0                    | 0    |
| 257                                 | Italian   | 0                    | 0    |
| 259                                 | Dutch   | 0                    | 0    |
| 32450A                              | HP 3000 Series 37XE System Processor Unit includes I/O Expansion Unit             | 20,000               | 44   |
| 015                                 | 200-240 VAC System Operation  | 0                    | 0    |
| 509                                 | Expands Memory to 2048 Kb   | 4,000                | 16   |
| 252                                 | French  | 0                    | 0    |
| 253                                 | German  | 0                    | 0    |
| 256                                 | Spanish   | 0                    | 0    |
| 257                                 | Italian   | 0                    | 0    |
| 259                                 | Dutch   | 0                    | 0    |
| 32514B                              | HP 3000 Series 39 System Processor Unit (60 Hz). Must order all ADCCs separately. | 33,200               | 243  |
| 011                                 | Model 11 Packaged System  | -11,400              | 0    |
| 012                                 | Model 12 Packaged System  | -8,200               | 0    |
| 014                                 | Model 14 Packaged System  | -5,200               | 0    |
| 015                                 | 220V/50 Hz single phase operation   | 0                    | 0    |
| 051                                 | Software on 1600 bpi magnetic tape  | 0                    | 0    |
| 507                                 | Expand memory to 1024 Kb  | 8,200                | 16   |
| 32445A                              | HP 3000 Series 40 System Processor Unit (60 Hz). Must order all ADCCs separately. | 33,200               | 250  |
| 015                                 | 220-240V/50 Hz single phase operation   | 0                    | 0    |
| 022                                 | Software on cartridge tape  | 0                    | 0    |
| 507                                 | Expands memory to 1024 Kb   | 8,200                | 16   |
| 32542B                              | HP 3000 Series 42 System Processor Unit (60 Hz). Must order all ADCCs separately. | 39,800               | 259  |
| 014                                 | Model 14 Packaged System  | 2,600                | 0    |
| 015                                 | 220-240V/50 Hz single phase operation   | 0                    | 0    |
| 022                                 | Software on cartridge tape  | 0                    | 0    |
| 409                                 | Substitute MPE-V/E for MPE-V/P  | 0                    | 0    |
| 32440B                              | HP 3000 Series 44 System Processor Unit (60 Hz). Must order all ADCCs separately. | 64,500               | 279  |
| 015                                 | 200-240V/50 Hz single phase operation   | 0                    | 0    |
| 022                                 | Software on cartridge tape  | 0                    | 0    |
| 32548B                              | HP 3000 Series 48 System Processor Unit (60 Hz). Must order all ADCCs separately. | 67,500               | 297  |
| 015                                 | 220-240V/50 Hz single phase operation   | 0                    | 0    |

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| Product Number         | Description  | U.S. List Price (\$) | SMMC |
|------------------------|--|----------------------|------|
| 022                    | Software on cartridge tape   | 0                    | 0    |
| 410                    | Substitute MPE-V/E for MPE-V/P   | 0                    | 0    |
| 32460B                 | HP 3000 Series 64 System Processor Unit (60 Hz). Must order an ATP separately. | 166,100              | 690  |
| 015                    | 380V/50 Hz three phase operation   | 0                    | 0    |
| 016                    | 415V/50 Hz three phase operation   | 0                    | 0    |
| 32468B                 | HP 3000 Series 68 System Processor Unit (60 Hz). Must order an ATP separately. | 186,100              | 765  |
| 015                    | 380V/50 Hz three phase operation   | 0                    | 0    |
| 016                    | 415V/50 Hz three phase operation   | 0                    | 0    |
| 250                    | Add Expansion Bay and I/O Adapter (IMB)  | 25,000               | 53   |
| 411                    | Substitute MPE-V/P for MPE-V/E   | 0                    | 0    |
| 35030A                 | Power Line Conditioner (Series 30, 39 40 and 42)                               | 1,100                | 6    |
| <b>MPE MEDIA</b> ----- |  |                      |      |
| 32449Z                 | SERIES 37 MPE-VE MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Media   | 0                    | 0    |
| 32450Z                 | SERIES 37XE MPE-VE MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Media   | 0                    | 0    |
| 32514Z                 | SERIES 39 MPE-VE MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Drive   | 0                    | 0    |
| 100                    | Version 2412-V/E   | 0                    | 0    |
| 101                    | Version 2448-T-MIT   | 0                    | 0    |
| 32514ZP                | SERIES 39 MPE-VP MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Media   | 0                    | 0    |
| 32445Z                 | SERIES 40 MPE-VE MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Media   | 0                    | 0    |
| 100                    | Version 2412-V/E   | 0                    | 0    |
| 101                    | Version 2448-T-MIT   | 0                    | 0    |
| 32445ZP                | SERIES 40 MPE-VP MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Media   | 0                    | 0    |
| 32542Z                 | SERIES 42 MPE-VE MEDIA PRODUCT   | 0                    | 0    |
| 051                    | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022                    | Cartridge Tape Media   | 0                    | 0    |
| 100                    | Version 2412-V/E   | 0                    | 0    |
| 101                    | Version 2448-T-MIT   | 0                    | 0    |

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| Product Number | Description                    | U.S. List Price (\$) | SMMC |
|----------------|--------------------------------|----------------------|------|
| 32542ZP        | SERIES 42 MPE-VP MEDIA PRODUCT | 0                    | 0    |
| 051            | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022            | Cartridge Tape Media           | 0                    | 0    |
| 32440Z         | SERIES 44 MPE-VE MEDIA PRODUCT | 0                    | 0    |
| 051            | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022            | Cartridge Tape Media           | 0                    | 0    |
| 100            | Version 2412-V/E               | 0                    | 0    |
| 101            | Version 2448-T-MIT             | 0                    | 0    |
| 32440ZP        | SERIES 44 MPE-VP MEDIA PRODUCT | 0                    | 0    |
| 051            | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022            | Cartridge Tape Media           | 0                    | 0    |
| 32548Z         | SERIES 48 MPE-VE MEDIA PRODUCT | 0                    | 0    |
| 051            | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022            | Cartridge Tape Media           | 0                    | 0    |
| 100            | Version 2412-V/E               | 0                    | 0    |
| 101            | Version 2448-T-MIT             | 0                    | 0    |
| 32548ZP        | SERIES 48 MPE-VP MEDIA PRODUCT | 0                    | 0    |
| 051            | 1600 bpi Magnetic Tape Media   | 0                    | 0    |
| 022            | Cartridge Tape Media           | 0                    | 0    |
| 32460Z         | SERIES 64 MPE-VE MEDIA PRODUCT | 0                    | 0    |
| 100            | Version 2412-V/E               | 0                    | 0    |
| 101            | Version 2448-T-MIT             | 0                    | 0    |
| 32460ZP        | SERIES 64 MPE-VP MEDIA PRODUCT | 0                    | 0    |
| 32468Z         | SERIES 68 MPE-VE MEDIA PRODUCT | 0                    | 0    |
| 100            | Version 2412-V/E               | 0                    | 0    |
| 101            | Version 2448-T-MIT             | 0                    | 0    |
| 32468ZP        | SERIES 68 MPE-VP MEDIA PRODUCT | 0                    | 0    |

**SYSTEM BUNDLES** -----

|        |   |        |  |
|--------|---|--------|--|
| 27513A | PERSONAL PRODUCTIVITY CENTER ADVANCED OFFICE PACK (HPDeskManager, HPWord, HPSpell, HPListkeeper, HPDraw, HPEzchart, VisiCalc/3000).   | 32,500 |  |
| 32452A | PERSONAL PRODUCTIVITY CENTER PROFESSIONAL SYSTEM (S/37 w/1024KB, 7945A, 9144A, 2392A, HPDeskManager, (4) Touchscreen w/dual floppy, (4) PPC-Touchscreen SW Packs, HPDeskManager Assist-PIA) | 45,310 |  |
| 001    | Expands memory to 2048KB  | 4,000  |  |

| Product Number                   | Description  | U.S. List Price (\$) | SMMC |
|----------------------------------|--|----------------------|------|
| 32453A                           | PERSONAL PRODUCTIVITY CENTER WORKGROUP SYSTEM (S/37 w/1024KB, 7945A, 9144A, 2392A, HPDeskManager, PPC WP Pack, 2628A, Palm Rest, (3) Touchscreen w/dual floppy, (3) PPC Touchscreen SW Packs, HPDeskManager Assist-Pia, HPWord Assist-PIA) | 57,615               |      |
| 001                              | Expands memory to 2048KB   | 4,000                |      |
| 36419A                           | DISTRIBUTION MANAGEMENT SYSTEM I, bundled package of SFD/3000, Opt. 039 and HPINVISION   | 42,500               |      |
| 36419M                           | "Right-to-Copy" Distribution Management System I   | 29,750               |      |
| 36421A                           | DISTRIBUTION MANAGEMENT SYSTEM II, bundled package of SFD/3000, Opt. 044 and HPINVISION software   | 54,700               |      |
| 36421M                           | "Right-to-Copy" Distribution Management System II  | 36,290               |      |
| <b>RE-MARKETED SYSTEMS</b> ----- |  |                      |      |
| 32412CR                          | HP 3000 Series 33R System (Re-Marketed) (60 Hz) includes 512 Kb, 2649E console, FOS on 1600 bpi tape. Must order all ADCCs and GICs separately.  | 12,225               | 307  |
| 015                              | Adds 50 Hz Operation   | 0                    | 0    |
| 018                              | ADCC-Main with four ports  | 1,185                | 10   |
| 019                              | ADCC-Extender with four ports  | 1,185                | 10   |
| 507                              | Expands memory to 1024 Kb  | 6,030                | 40   |
| 720                              | 7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)   | 9,825                | 95   |
| 721                              | 7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)   | 9,825                | 95   |
| 725                              | 7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)  | 13,725               | 85   |
| 726                              | 7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)  | 13,725               | 85   |
| 920                              | 7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)   | 13,175               | 139  |
| 921                              | 7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)   | 13,175               | 139  |
| 925                              | 7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)  | 17,750               | 129  |
| 926                              | 7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)  | 17,750               | 129  |

| Product Number | Description   | U.S. List Price (\$) | SMCC |
|----------------|---|----------------------|------|
| E72            | 7970E 1600 bpi tape drive in low-boy cabinet HP-IB (110 VAC)  | 9,500                | 164  |
| E73            | 7970E 1600 bpi tape drive in low-boy cabinet HP-IB (230 VAC)  | 9,500                | 164  |
| 32430CR        | HP 3000 Series 30R System (Re-Marketed) (60 Hz) includes 512 Kb, 2649E console, FOS on 1600 bpi tape. Must order all ADCCs and GICs separately. | 11,475               | 296  |
| 015            | Adds 50 Hz Operation  | 0                    | 0    |
| 018            | ADCC-Main with four ports   | 1,185                | 10   |
| 019            | ADCC-Extender with four ports   | 1,185                | 10   |
| 507            | Expands memory to 1024 Kb   | 6,030                | 40   |
| 720            | 7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)  | 9,825                | 95   |
| 721            | 7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)  | 9,825                | 95   |
| 725            | 7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)   | 13,725               | 85   |
| 726            | 7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)   | 13,725               | 85   |
| 920            | 7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)  | 13,175               | 139  |
| 921            | 7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)  | 13,175               | 139  |
| 925            | 7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)   | 17,750               | 129  |
| 926            | 7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)   | 17,750               | 129  |
| E72            | 7970E 1600 bpi tape drive in low-boy cabinet HP-IB (110 VAC)  | 9,500                | 164  |
| E73            | 7970E 1600 bpi tape drive in low-boy cabinet HP-IB (230 VAC)  | 9,500                | 164  |
| 32435BR        | HP 3000 Series IIIR System (Re-Marketed) includes 512 Kb, 1 ATC, with Bell 103, 202T, and 212 modem support, and FOS on 1600 bpi tape           | 20,400               | 538  |
| 008            | Software on 800 bpi tape  | 0                    | 0    |
| 010            | INP Board   | 3,305                | 43   |
| 015            | Adds 50 Hz operation  | 0                    | 0    |
| 032            | Additional ATC  | 2,205                | 15   |
| 033            | Additional ATC (with modem control)   | 3,110                | 18   |
| 055            | SSLC Board  | 1,255                | 19   |
| 209            | Line Printer Controller   | 955                  | 6    |
| 215            | Additional Magnetic Tape Controller   | 1,985                | 17   |
| 507            | Expands memory to 1024 Kb   | 7,020                | 50   |
| 509            | Expands memory to 1524 Kb   | 14,030               | 108  |
| 511            | Expands memory to 2048 Kb   | 21,035               | 158  |
| 720            | 7920S Slave 50 Mb disc drive  | 9,825                | 95   |

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| Product Number      | Description   | U.S. List Price (\$) | SMCC |
|---------------------|---|----------------------|------|
| 721                 | (Re-Marketed) with cables (60 Hz)<br>7920S Slave 50 Mb disc drive                               | 9,825                | 95   |
| 725                 | (Re-Marketed) with cables (50 Hz)<br>7925S Slave 120 Mb disc drive                              | 13,725               | 85   |
| 726                 | (Re-Marketed) with cables (60 Hz)<br>7925S Slave 120 Mb disc drive                              | 13,725               | 85   |
| 820                 | (Re-Marketed) with cables (50 Hz)<br>7920M Master 50 Mb disc drive                              | 12,175               | 135  |
| 821                 | (Re-Marketed) with cables (60 Hz)<br>7920M Master 50 Mb disc drive                              | 12,175               | 135  |
| 825                 | (Re-Marketed) with cables (50 Hz)<br>7925M Master 120 Mb disc drive                             | 16,750               | 125  |
| 826                 | (Re-Marketed) with cables (60 Hz)<br>7925M Master 120 Mb disc drive                             | 16,750               | 125  |
| 870                 | (Re-Marketed) with cables (50 Hz)<br>7970E 1600 bpi tape drive in new upright cabinet (110 VAC) | 11,725               | 100  |
| 871                 | 7970E 1600 bpi tape drive in new upright cabinet (230 VAC)                                      | 11,725               | 100  |
| I/O EXPANSION ----- |   |                      |      |
| 30018A              | Asynchronous Data Communications Controller (ADCC) - Main                                       | 1,795                | 10   |
| 030                 | Series 30 internal cable  | 0                    | 0    |
| 033                 | Series 33 internal cable  | 0                    | 0    |
| 040                 | Series 39,40,42 internal cable  | 0                    | 0    |
| 044                 | Series 44,48 internal cable   | 0                    | 0    |
| 30018AR             | ADCC-Main (Re-Marketed)   | 1,440                | 10   |
| 030                 | Series 30/30R cable   | 0                    | 0    |
| 033                 | Series 33/33R cable   | 0                    | 0    |
| 040                 | Series 40/40R/42 cable  | 0                    | 0    |
| 044                 | Series 44/44R/48 cable  | 0                    | 0    |
| 30019A              | Asynchronous Data Communications Controller (ADCC) - Extender                                   | 1,795                | 10   |
| 030                 | Series 30 internal cable  | 0                    | 0    |
| 033                 | Series 33 internal cable  | 0                    | 0    |
| 040                 | Series 39,40,42 internal cable  | 0                    | 0    |
| 044                 | Series 44,48 internal cable   | 0                    | 0    |
| 30019AR             | ADCC-Extender (Re-Marketed)   | 1,440                | 10   |
| 030                 | Series 30/30R cable   | 0                    | 0    |
| 033                 | Series 33/33R cable   | 0                    | 0    |
| 040                 | Series 40/40R/42 cable  | 0                    | 0    |
| 044                 | Series 44/44R/48 cable  | 0                    | 0    |
| 30079A              | General I/O Channel (GIC)   | 1,900                | 13   |
| 030                 | Series 30 internal cable  | 0                    | 0    |
| 033                 | Series 33 internal cable  | 0                    | 0    |
| 040                 | Series 39,40,42 internal cable  | 0                    | 0    |
| 044                 | Series 44,48 internal cable   | 0                    | 0    |
| 064                 | Series 64,68 internal cable   | 0                    | 0    |

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| Product Number  | Description   | U.S. List Price (\$) | SMMC |
|---|---|----------------------|------|
| 30087A  | HP 3000 Series 44 I/O Expansion Kit   | 9,000                | 26   |
| 30143A  | Series 64, 68 I/O Adapter Module (IMB)  | 10,100               | 34   |
| NOTE: Advanced Terminal Processor (ATP) consists of an SIB (30144A) and Port Controllers (30145A or 30155A) |   |                      |      |
| 30144A  | ATP System Interface Board (SIB)  | 3,175                | 15   |
| 30145A  | ATP Direct Connect Port Controller. Standard Provides 12 RS-422 Ports.  | 6,590                | 28   |
| 001   | Order once to preassemble ATP on Series 68  | -250                 | 0    |
| 002   | Replace Quantity 4 Type 422 ports with Quantity 4 Type 232 ports. (Need to order Quantity 3 to replace all 12 ports.) | 0                    | 0    |
| 003   | Order once to preassemble ATP on the add-on I/O Bay on the Series 68  | 0                    | 0    |
| 042   | S/42 Cable for Direct Connect or Modem Expansion Package  | 0                    | 0    |
| 048   | S/48 Cable for Direct Connect or Modem Expansion Package  | 0                    | 0    |
| 30155A  | ATP Modem Port Controller   | 8,140                | 34   |
| 001   | Order once to preassemble ATP on Series 68  | -250                 | 0    |
| 003   | Order once to preassemble ATP on the add-on I/O Bay on the Series 68  | 0                    | 0    |
| 042   | S/42 Cable for Direct Connect or Modem Expansion Package  | 0                    | 0    |
| 048   | S/48 Cable for Direct Connect or Modem Expansion Package  | 0                    | 0    |
| 30273A  | Direct Connect Expansion Package comes standard with 12 RS-422 ports  | 7,510                | 42   |
| 001   | Deletes 51B   | -910                 | -15  |
| 002   | Replaces 4 RS-422 ports with 4 RS-232-C ports   | 0                    | 0    |
| 042   | Series 42 Cable   | 0                    | 0    |
| 048   | Series 48 Cable   | 0                    | 0    |
| 30274A  | Modem Expansion Package comes standard with 12 RS-232-C ports   | 9,060                | 49   |
| 001   | Deletes 51B   | -910                 | -15  |
| 042   | Series 42 Cable   | 0                    | 0    |
| 048   | Series 48 Cable   | 0                    | 0    |
| 30464A  | Series 68A Expansion Bay and I/O Adapter (IMB)  | 30,000               | 74   |
| 251   | Junction Panels (required if no ATP is ordered)   | 0                    | 0    |
| 30464B  | Series 68B Expansion Bay and I/O Adapter (IMB)  | 30,000               | 53   |
| 251   | Junction Panels (required if no ATP is ordered)   | 0                    | 0    |

*Best  
Not  
Factor*

*85%*

| Product Number                | Description  | U.S. List Price (\$) | SMMC |
|-------------------------------|--|----------------------|------|
| 30459A                        | Peripheral Interface Channel (PIC) Series 37 and 37XE only                       | 1,900                | 8    |
| 30460A                        | ATP/37   | 2,400                | 8    |
| <b>MEMORY EXPANSION</b> ----- |  |                      |      |
| 30461A                        | 512 Kb Series 37, Series 37XE Memory Module                                      | 2,500                | 4    |
| 30092A                        | 512 Kb Series 39, 4X Memory Module (set of two 256kb boards)                     | 7,500                | 16   |
| 30094A                        | Add-on Series 44,48 Memory Controller  | 1,600                | 11   |
| 30142A                        | 1 Mb Memory Module for Series 64,68  | 12,000               | 75   |
| 30161A                        | 1 Mb Memory Module for Series 39,4x  | 9,000                | 32   |
| 30171A                        | 256 Kb Memory Module for Series 39,40,42   | 4,000                | 8    |
| 30171AR                       | 256 Kb Memory Module for Series 39,4x (Re-Marketed)                              | 3,825                | 8    |
| <b>DISC DRIVES</b> -----      |  |                      |      |
| 7911P                         | 28 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable  | 13,750               | 54   |
| 001*                          | Adds dedicated controller for Cartridge Tape Drive                               | 1,840                | 24   |
| 015                           | 220V/50 Hz single phase operation  | 0                    | 0    |
| 140                           | Deletes cartridge tape drive   | -3,570               | -11  |
| 7945A                         | 55 Mb Disc Drive with 1-meter HP-IB cable  | 7,500                | 50   |
| 015                           | Voltage selector switch set for 230VAC operation for non-U.S. shipments.         | 0                    | 0    |
| 550                           | Delete 1-meter HP-IB cable.  | -85                  | 0    |
| 7912P                         | 65 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable  | 14,800               | 56   |
| 001*                          | Adds dedicated controller for Cartridge Tape Drive                               | 1,840                | 24   |
| 015                           | 220V/50 Hz single phase operation  | 0                    | 0    |
| 140                           | Deletes cartridge tape drive   | -3,570               | -11  |
| 7914P                         | 132 Mb Disc Drive with Integral 67 Mb Tape Cartridge                             | 17,350               | 66   |
| 001*                          | Adds dedicated controller for Cartridge Tape Drive                               | 1,840                | 24   |
| 015                           | 220V/50 Hz single phase operation  | 0                    | 0    |
| 140                           | Deletes cartridge tape drive   | -3,570               | -14  |
| 7914R                         | 132 Mb second disc drive for an installed 7914TD/ST that was ordered without the | 17,350               | 66   |

| Product Number  | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| 015   | second disc drive (option 114)<br>220V/50 Hz single phase operation  | 0                    | 0    |
| 140*  | Deletes cartridge tape drive   | -3,570               | -14  |
| * Required for use on MPE based systems. (Only one tape cartridge tape supported per system.) |  |                      |      |
| 7914ST  | Mass Storage Subsystem consisting of<br>132 Mb 7914 disc drive and 7974A 1/2" mag<br>tape drive mounted in a 56" high cabinet.                   | 27,500               | 143  |
| 002   | Adds cartridge tape drive and second<br>controller   | 5,410                | 38   |
| 015   | 220V/50Hz single phase operation   | 0                    | 0    |
| 114   | Adds second 7914 (opt. 140) disc drive   | 13,830               | 52   |
| 800   | Dual-density operation; 800/1600 bpi   | 2,500                | 16   |
| 7914TD  | Mass Storage Subsystem Consisting of<br>132 Mb 7914 Disc Drive and 7970E 1/2"<br>Mag Tape Drive (HP-IB Version) Mounted<br>in a 63" High Cabinet | 28,500               | 209  |
| 002   | Adds cartridge tape drive and second<br>controller   | 5,410                | 24   |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 114   | Adds second 7914 (opt. 140) disc drive   | 14,290               | 52   |
| 7920M   | Master 50 Mb Disc Drive  | 22,300               | 135  |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 102   | HP-IB interface and 2 m cable  | 1,200                | 4    |
| 7920MR  | Master 50 Mb Disc Drive (Re-Marketed)  | 12,175               | 135  |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 102   | HP-IB interface and 2 m cable  | 1,000                | 4    |
| 7920S   | Add-on 50 Mb Disc Drive  | 18,100               | 95   |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 7920SR  | Add-on 50 Mb Disc Drive (Re-Marketed)  | 9,825                | 95   |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 7925M   | Master 120 Mb Disc Drive   | 22,700               | 125  |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 102   | HP-IB interface and 2 m cable  | 1,200                | 4    |
| 7925MR  | Master 120 Mb Disc Drive (Re-Marketed)   | 16,750               | 125  |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 102   | HP-IB interface and 2 m cable  | 1,000                | 4    |
| 7925MT  | 290 Mb Initial Disc Storage System   | 24,250               | 210  |
| 015   | Add 50 Hz  | 0                    | 0    |
| 102   | Add HP-IB  | 1,000                | 0    |
| 7925S   | Add-on 120 Mb Disc Drive   | 18,500               | 85   |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 250   | Disc Controller Upgrade  | 535                  | 0    |

| Product Number | Description   | U.S. List Price (\$) | SMMC |
|----------------|---|----------------------|------|
| 7925SR         | Add-on 120 Mb Disc Drive (Re-Marketed)  | 13,725               | 85   |
| 015            | 220V/50 Hz single phase operation   | 0                    | 0    |
| 7925ST         | 240 Mb Add-On Disc Storage System   | 20,250               | 170  |
| 015            | Add 50 Hz   | 0                    | 0    |
| 7925T          | Add-On 240 Mb Disc Storage System   | 32,600               | 170  |
| 015            | 220V/50 Hz single phase operation   | 0                    | 0    |
| 7933H          | 404 Mb Fixed Media Disc Drive, Standard<br>Oper. Voltage is 208V w/1 m HP-IB Cable  | 25,520               | 90   |
| 120            | 120V/50 Hz/60 Hz  | 0                    | 0    |
| 220            | 220V/60 Hz for Canada   | 0                    | 0    |
| 221            | 220V/50 Hz for Continental Europe   | 0                    | 0    |
| 222            | 220V/50 Hz for Switzerland  | 0                    | 0    |
| 223            | 220V/50 Hz for Denmark  | 0                    | 0    |
| 241            | 240V/50 Hz for United Kingdom   | 0                    | 0    |
| 242            | 240V/50 Hz for Australia and New Zealand  | 0                    | 0    |
| 7933G          | 1.2 Gb Storage System, Consists of Three<br>7933H, 404 Mb Disc Drives each with Media,<br>Controller, Power Supply, and 1 m HP-IB Cable<br>cable, shipped to single destination.          | 64,000               | 270  |
| 120            | 120V/50 Hz/60 Hz  | 0                    | 0    |
| 220            | 220V/60 Hz for Canada   | 0                    | 0    |
| 221            | 220V/50 Hz for Continental Europe   | 0                    | 0    |
| 222            | 220V/50 Hz for Switzerland  | 0                    | 0    |
| 223            | 220V/50 Hz for Denmark  | 0                    | 0    |
| 241            | 240V/50 Hz for United Kingdom   | 0                    | 0    |
| 242            | 240V/50 Hz for Australia and New Zealand  | 0                    | 0    |
| 7935G          | 1.2 Gb Removable Disc Storage System<br>Consisting of Three 7935H 404 Mb Disc Drives,<br>each with Media, Controller, Power Supply and<br>1m HP-IB Cable, shipped to single destinations. | 74,500               | 507  |
| 120            | 120V/50 Hz/60 Hz  | 0                    | 0    |
| 220            | 220V/60 Hz for Canada   | 0                    | 0    |
| 221            | 220V/50 Hz for Continental Europe   | 0                    | 0    |
| 222            | 220V/50 Hz for Switzerland  | 0                    | 0    |
| 223            | 220V/50 Hz for Denmark  | 0                    | 0    |
| 241            | 240V/50 Hz for United Kingdom   | 0                    | 0    |
| 242            | 240V/50 Hz for Australia and New Zealand  | 0                    | 0    |
| 7935H          | 404 Mb Removable Media Disc Drive,<br>Standard Operating Voltage is 208V<br>w/1 m HP-IB Cable   | 28,070               | 169  |
| 120            | 120V/50 Hz/60 Hz  | 0                    | 0    |
| 220            | 220V/60 Hz for Canada   | 0                    | 0    |
| 221            | 220V/50 Hz for Continental Europe   | 0                    | 0    |
| 222            | 220V/50 Hz for Switzerland  | 0                    | 0    |
| 223            | 220V/50 Hz for Denmark  | 0                    | 0    |
| 241            | 240V/50 Hz for United Kingdom   | 0                    | 0    |
| 242            | 240V/50 Hz for Australia and New Zealand  | 0                    | 0    |

| Product Number   | Description   | U.S. List Price (\$) | SMMC |
|--|---|----------------------|------|
| 97935A   | 404 Mb Removable Media Module for 7935H Disc Drive                    | 1,531                | 38   |
| 9895A  | Flexible Disc System<br>Must order options 010 and 333.               | 5,910                | 77   |
| 001  | 50 Hz operation   | 0                    | 0    |
| 010  | Single drive system (1.2 Mb) with manual for HP 3000 hook-up and use. | -1,330               | -36  |
| 10833B   | 2-meter HP-IB cable for HP 3000                                       | 91                   | 0    |
| 92195A   | Box of ten (10) double-sided, double-density, 8 inch discs for 9895A  | 168                  | N/A  |
| 12940A   | Disc Cartridge for 7906M/S  | 190                  | N/A  |
| 88140S   | 7911/7912 16.7 Mb Tape Cartridges (5 pack)                            | 130                  | N/A  |
| 88140SC  | 7911/7912 16.7 Mb Certified Tape Cartridges (5 pack)                  | 150                  | N/A  |
| 88140L   | 7911/7912/7914 67.1 Mb Tape Cart. (5 pack)                            | 180                  | N/A  |
| 88140LC  | 7911/7912/7914 67.1 Mb Certified Tape Cartridges (5 pack)             | 200                  | N/A  |
| 13394A   | 7920M/S Disc Pack   | 560                  | N/A  |
| 13356A   | 7925M/S Disc Pack   | 905                  | N/A  |
| <b>MAGNETIC TAPE SUBSYSTEMS</b> -----                    |   |                      |      |
| 7970B  | 800 cpi/45 ips Magnetic Tape Subsystem                                | 10,310               | 103  |
| 015  | 230V operation  | 0                    | 0    |
| The following options apply to the Series III:           |   |                      |      |
| 324  | Initial drive on 30215A controller in lo-boy cabinet                  | 3,705                | 13   |
| 334  | Initial drive on 30215A controller without cabinet*                   | 1,365                | 0    |
| 330  | Add-on drive without cabinet*   | 1,120                | 0    |
| * Refer to 26074A Installation Kit                       |   |                      |      |
| 7970E  | 1600 cpi/45 ips Magnetic Tape Subsystem                               | 12,060               | 97   |
| 015  | 230V operation  | 0                    | 0    |
| The following options apply to the Series III:           |   |                      |      |
| 324  | Initial master drive on 30215A controller in lo-boy cabinet           | 3,585                | 13   |
| 330  | Add-on master drive without cabinet*                                  | 1,345                | 0    |
| 331  | Slave drive without cabinet*  | 300                  | -7   |
| The following options apply to the Series 3x,4x, and 6x: |   |                      |      |
| 426  | HP-IB master drive in lo-boy cabinet                                  | 5,110                | 67   |

| Product Number   | Description   | U.S. List Price (\$) | SMMC |
|--|---|----------------------|------|
| 436  | HP-IB master drive without cabinet*                 | 2,310                | 54   |
| 431  | Slave drive without cabinet*                        | 300                  | -7   |
| * Refer to 26074A Installation Kit                       |   |                      |      |
| 7970ER   | 1600 cpi Tape Drive in lo-boy cabinet (Re-Marketed) | 5,900                | 97   |
| 015  | Adds 230VAC   | 0                    | 0    |
| 324  | S/III initial master lo Boy Cabinet                 | 3,600                | 13   |
| 426  | HP-IB initial master lo-boy cabinet                 | 3,600                | 67   |
| 7971A  | Magnetic Tape Subsystem in Upright Cabinet          | 13,100               | 0    |
| 015  | 230V operation                                      | 0                    | 0    |
| The following options apply to the Series III:           |   |                      |      |
| 480  | 7970B Initial drive                                 | 1,935                | 106  |
| 410  | 7970B Add-on drive                                  | 2,035                | 106  |
| 481  | 7970B Two drives, initial and add-on                | 12,730               | 209  |
| 411  | 7970B Two drives, add-on                            | 12,830               | 209  |
| 470  | 7970E Initial master drive                          | 3,565                | 100  |
| 420  | 7970E Add-on master drive                           | 3,765                | 100  |
| 472  | 7970E Two masters, initial and add-on               | 14,460               | 197  |
| 422  | 7970E Two masters, add-on                           | 14,660               | 197  |
| 430  | 7970E Slave drive                                   | 1,935                | 93   |
| 433  | 7970E Two slave drives                              | 12,520               | 183  |
| 473  | 7970E Two drives, initial master and slave          | 13,440               | 190  |
| 423  | 7970E Two drives, add-on master and slave           | 13,540               | 190  |
| 482  | 7970B Initial drive and 7970E add-on master         | 13,540               | 203  |
| The following options apply to the Series 3x,4x, and 6x: |   |                      |      |
| 340  | 7970E HP-IB Master                                  | 5,090                | 154  |
| 344  | 7970E Two HP-IB masters (Series 44,48, 64,68 only)  | 16,700               | 305  |
| 330  | 7970E Slave drive                                   | 1,935                | 93   |
| 333  | 7970E Two slave drives                              | 12,520               | 183  |
| 343  | 7970E Two drives, HP-IB master and slave            | 14,560               | 244  |
| 7970AR   | 1600 pbi tape drive                                 | 6,940                | 0    |
| 015  | Add 230 VAC   | 0                    | 0    |
| 340  | HP-IB initial master upright cabinet                | 4,070                | 154  |
| 470  | S/III initial master upright cabinet                | 3,590                | 100  |
| 7970BR   | 800 bpi tape drive, 45 ips NRZI (Re-Marketed)       | 5,887                |      |
| 015  | Add 230V  | 0                    |      |
| 236  | M/E/F series master, no cabinet                     | 2,528                |      |
| 334  | Series III master, no cabinet                       | 963                  |      |
| 7971AR   | Upright tape drive system (Re-Marketed)             | 6,940                |      |
| 015  | Add 230V  |                      | 0    |
| 140  | A/L Series 7970ER Master                            | 4,070                |      |



| Product Number  | Description   | U.S. List Price (\$) | SMMC |
|---|---|----------------------|------|
| 260   | M/E/F Series 7970ER master  | 4,070                |      |
| 340   | HP 3000 HP-IB 7970ER  | 4,070                |      |
| 470   | Series III 7970ER master  | 3,590                |      |
| 7974A   | 1600 cpi/50 ips Start/Stop, 100 ips Streaming Magnetic Tape Subsystem with HP-IB Interface.*  | 13,000               | 91   |
| 131   | Delete cabinet; add hardware for installation in existing 7974A cabinet   | -500                 | 0    |
| 800   | Add 800 cpi NRZI format   | 2,500                | 16   |
| * Series 64 or 68 systems shipped before March 1, 1984, require a DCU firmware upgrade (DCU ROM rev. 2403 or greater) to use 7974A or 7978A as system cold load device. |   |                      |      |
| 7978A   | 1600/6250 cpi, 75 ips Streaming Magnetic Tape Subsystem with HP-IB Interface *  | 22,500               | 101  |
| 132   | Delete cabinet; add hardware for installation in existing 7978A cabinet.  | -500                 | 0    |
| 670   | Return credit for 7970E tape drive  | -1,000               | N/A  |
| * Series 64 or 68 systems shipped before March 1, 1984 require a DCU firmware upgrade (DCU ROM rev. 2403 or greater) to use 7974A or 7978A as system cold load device.  |   |                      |      |
| 26074A  | Installation Kit for Mounting the 7970B/E in the Bottom Rack of a 7971A Cabinet   | 460                  | 0    |
| 26075A  | Multiple System Access Selector. Order Cables Separately.   | 725                  | 6    |
| 30215AR   | Magnetic Tape Controller. Interfaces fifth through eighth 7970B or 7970E magnetic tape drives with 300 level options. (Re-Marketed) | 2,710                | 17   |
| 9144A   | 1/4 in. Cartridge Tape Drive  | 3,500                | 17   |
| <b>PRINTERS AND CONTROLLERS</b> -----   |   |                      |      |
| 2566A   | 900 lpm printer (options below)   | 21,766               | 209  |
| 2565A   | 600 lpm printer (options below)   | 18,766               | 188  |
| Options for 2566A and 2565A   |   |                      |      |
| <b>CHARACTER SETS</b>   |   |                      |      |
| 001   | Line Draw, Math & Block   | 160                  | 0    |
| 002   | Katakana8 (Replaces Std)  | 0                    | 0    |
| 003   | High Density OCR-A/B  | 160                  | 0    |
| 004   | High Density Roman8   | 160                  | 0    |
| 005   | High Density Italic Roman8  | 160                  | 0    |

| Product Number  | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| 006   | High Density Katakana8   | 160                  | 0    |
| 008   | High Density Bar Codes, Low Resolution                             | 210                  | 0    |
| 010   | Standard and High Density Arabic and Line Draw**                   | 420                  | 0    |
| <b>POWER SUPPLIES</b>   |  |                      |      |
| 015   | 220 VAC 48-66 Hz   | 0                    | 0    |
| 016   | 100 VAC 48-66 Hz   | 0                    | 0    |
| 017   | 240 VAC 48-66 Hz   | 0                    | 0    |
| <b>GRAPHICS</b>   |  |                      |      |
| 022   | 128Kb Vector to Raster Conversion Board                            | 1,570                | 0    |
| 023   | 512Kb Vector to Raster Conversion Board                            | 3,145                | 0    |
| 065   | HP3000 Printer Graphics Support Software                           | 3,150                | 0    |
| <b>INTERFACES AND SUBSYSTEMS</b>  |  |                      |      |
| 100   | HP2608A Compatible Parallel Differential for HP 1000 MEF           | 790                  | 0    |
| 210   | HP 1000 MEF Subsystem  | 535                  | 0    |
| 214   | HP 1000 A Series Subsystem   | 535                  | 0    |
| 300   | HP2608A Compatible Parallel Differential for Series III (no cable) | 790                  | 0    |
| 337   | HP 3000 Series 37 Subsystem  | 535                  | 0    |
| 340   | HP 3000 Series 39, 40, 42 Subsystem                                | 535                  | 0    |
| 344   | HP 3000 Series 44, 48 Subsystem                                    | 535                  | 0    |
| 364   | HP 3000 Series 64, 68 Subsystem                                    | 535                  | 0    |
| <b>ADDITIONAL OPTIONS</b>   |  |                      |      |
| 028   | Extended Language PCA **   | 1,155                | 8    |
| 115   | Passive Paper Stacker  | 370                  | 0    |
| 500   | Printer Packaged Options   | 525                  | 0    |
| 715   | Service Documentation  | 55                   | 0    |
| ** These options need to be ordered together to provide Arabic character set functions. |  |                      |      |
| 26060B  | Extended Language PCA #028   | 1,375                |      |
| 26067B  | Interface Upgrade Kit (must order one option)                      | 510                  |      |
| 001   | HP-IB I/O Kit  | 125                  |      |
| 003   | RS-232C I/O Kit  | 0                    |      |
| 004   | RS-422A I/O Kit  | 55                   |      |
| 005   | HP 2608A Parallel Differential                                     | 385                  |      |
| 006   | Centronics Parallel I/O  | 0                    |      |
| 26761B  | Character Set Upgrade Kit (must order one option)                  | 0                    |      |
| 001   | Line Draw, Math and Block  | 250                  |      |
| 002   | Katakana8  | 250                  |      |
| 003   | OCR-A/B  | 250                  |      |
| 004   | High Density Roman8  | 250                  |      |
| 005   | High Density Italic Roman8   | 250                  |      |
| 006   | High Density Katakana8   | 250                  |      |

| Product Number      | Description                          | U.S. List Price (\$) | SMMC |
|---------------------|--------------------------------------|----------------------|------|
| 008                 | Bar Codes                            | 300                  |      |
| 010                 | Std. and High Density Arabic8        | 500                  |      |
| 2563A               | 300 lpm printer                      | 5,780                | 52   |
|                     | U02: 45 - 66 print hours per month   |                      | 72   |
|                     | U03: 67 - 88 print hours per month   |                      | 95   |
|                     | U04: 89 -132 print hours per month   |                      | 135  |
| Options for 2653A   |                                      |                      |      |
| CHARACTER SETS      |                                      |                      |      |
| 001                 | Line Draw, Math and Block            | 160                  | 0    |
| 002                 | Replaces std. with Katakana8         | 0                    | 0    |
| 003                 | High Density OCR Characters          | 160                  | 0    |
| 004                 | High Density Roman8                  | 160                  | 0    |
| 005                 | High Density Italics Roman8          | 160                  | 0    |
| 006                 | High Density Katakana8               | 160                  | 0    |
| 007                 | Bar Codes (Low Resolution)           | 160                  | 0    |
| 008                 | Bar Codes + UPC/EAN                  | 210                  | 0    |
| POWER SUPPLIES      |                                      |                      |      |
| 015                 | 220 VAC, 50/60 Hz                    | 0                    | 0    |
| 016                 | 100 VAC, 50/60 Hz                    | 0                    | 0    |
| 017                 | 240 VAC, 50/60 Hz                    | 0                    | 0    |
| GRAPHICS SUPPORT    |                                      |                      |      |
| 022                 | 128Kb Vector Graphics Board          | 1570                 | 0    |
| 023                 | 512Kb Vector Graphics Board          | 3145                 | 0    |
| 065                 | HP3000 Graphics Support S/W (36583A) | 1575                 | 0    |
| SUBSYSTEMS          |                                      |                      |      |
| 049                 | RS-232 interface subsystem*          | 100                  | 0    |
| 050                 | RS-422 interface subsystem*          | 205                  | 0    |
| 053                 | Centronics I/O subsystem*            | 105                  | 0    |
| 055                 | HP 3000 Multipoint subsystem*        | 430                  | 0    |
| 300                 | HP 3000 II/III (08A) subsystem*      | 790                  | 0    |
| 333                 | HP 3000 30,33 HP-IB subsystems       | 430                  |      |
| 337                 | HP 3000 37 HP-IB subsystem           | 430                  |      |
| 340                 | HP 3000 39,40,42 subsystems          | 430                  | 0    |
| 344                 | HP 3000 44,48 subsystems             | 430                  | 0    |
| 364                 | HP 3000 64,68 subsystems             | 430                  | 0    |
| CONVENIENCE OPTIONS |                                      |                      |      |
| 068                 | 3-Pack ribbons (92158A)              | 82                   | 0    |
| 110                 | Sound abatement attachment           | 165                  | 0    |
| 112                 | Enclosed printer stand (92214P)      | 295                  | 0    |
| 115                 | Passive paper stacker                | 365                  | 0    |
| 500                 | Extended Capabilities Package        | 920                  | 0    |
| 715                 | Service Documentation                | 35                   | 0    |

NOTES:  
Only 4 high density character sets may be installed at one time.  
Only 1 bar code option (#007 or #008) may be installed at one time.  
Bar code options count as a high density character set, but are low resolution bar codes.

| Product Number   | Description  | U.S. List Price (\$) | SMMC |
|--|--|----------------------|------|
| Only one printer subsystem may be ordered with the HP 2563A.   |  |                      |      |
| * Denotes no printer interface cable included  |  |                      |      |
| ** Includes options #001, #004, #005, #068, #110, #112.  |  |                      |      |
| 26061A   | Vector Graphics Board Upgrade Kit for 2563/65/66A  | 0                    | 0    |
| 022  | 128Kb Vector graphics board  | 1670                 | 0    |
| 023  | 512Kb Vector graphics board  | 3245                 | 0    |
| 26067A   | Interface Upgrade Kit for 2563A (Must order one option; includes installation)                                   | 510                  | 0    |
| 001  | HP-IB Interface Kit  | 55                   | 0    |
| 002  | Multipoint Interface   | 55                   | 0    |
| 003  | RS-232 Interface   | 0                    | 0    |
| 004  | RS-422 Interface   | 55                   | 0    |
| 005  | 2608A Compatible parallel differential interface   | 385                  | 0    |
| 006  | Centronics interface   | 0                    | 0    |
| 26761A   | Character Set Upgrade Kit (Must order option(s); includes installation)  | 0                    | 0    |
| 001  | Large block, math, line draw   | 250                  | 0    |
| 002  | Katakana8  | 250                  | 0    |
| 003  | High Density OCR Characters  | 250                  | 0    |
| 004  | High Density Roman8  | 250                  | 0    |
| 005  | High Density Roman8 Italics  | 250                  | 0    |
| 006  | High Density Katakana8   | 250                  | 0    |
| 007  | Bar Codes  | 250                  | 0    |
| 26763A   | Passive paper stacker  | 365                  | 0    |
| 26763B   | Passive paper stacker  | 370                  | 0    |
| 26764A   | Sound abatement attachment   | 165                  | 0    |
| 26069A   | 2611/19A Line Printer Interface for Series 3x,4x,and 6x. Must order one of the following options.                | 3683                 | 22   |
| 301  | Cable set for Series 30  | 700                  | 0    |
| 302  | Cable set for Series 33  | 700                  | 0    |
| 340  | Cable set for Series 39,40,42  | 700                  | 0    |
| 344  | Cable set for Series 44,48   | 700                  | 0    |
| 364  | Cable set for Series 64,68   | 700                  | 0    |
| NOTE: Options 301, 302, 344 and 364 for 2611/19A provide a 26069A interface; DO NOT ORDER 26059A SEPARATELY. |  |                      |      |
| 30209AR  | Line Printer Controller to interface 2608A, 2613A, 2617A, and 2619A line printers with option 300. (Re-Marketed) | 1,285                | 6    |
| 2601A  | 40 cps Daisywheel Printer. RS-232-C std modem cable included (02631-60065, 13242N)                               | 3,520                | 86   |

| Product Number | Description  | U.S. List Price (\$) | SMMC |
|----------------|--|----------------------|------|
|                | equivalent)  |                      |      |
| 015            | 220V operation   | 0                    | 0    |
| 016            | 100V operation   | 0                    | 0    |
| 017            | 240V operation   | 0                    | 0    |
| 242            | Replaces standard modem cable with 13242G for 262x terminals and HP150 | 0                    | 0    |
| 26010A         | Multipart forms tractors for 2601A                                     | 565                  | 0    |
| 26010D         | Dual bin sheetfeeder for 2601A   | 2,290                | 27   |
| 010            | Sheetfeeder upgrade kit  | 650                  | 0    |
| 92151C         | 12-pack Multi-strike ribbons (235,000 character each)                  | 78                   | 0    |
| 92151D         | 12-pack Fabric ribbons (1 million character each)                      | 80                   | 0    |
| 92177C         | Sound Enclosure - 2601A without sheetfeeder                            | 435                  | 0    |
| 92177G         | Sound Enclosure - 2601A with 26010D sheetfeeder                        | 595                  | 0    |
| 92177Q         | Single Bin Sheet Feeder for 2601A                                      | 495                  | 0    |
| 2602A          | 20 cps Daisywheel Printer. Cable not incl.                             | 1,545                | 50   |
| 015            | 220V operation   | 0                    | 0    |
| 017            | 240V operation   | 0                    | 0    |
| 046            | HP-IB (No direct connect to HP 3000)                                   | 150                  | 0    |
| 26020A         | Forms tractors for 2602A   | 285                  | 0    |
| 92151H         | 12-pack ribbons  | 98                   | 0    |
| 92177D         | Sound Enclosure - 2602 without sheetfeeder                             | 435                  | 0    |
| 92177R         | Single Bin Sheet Feeder for 2602A                                      | 495                  | 0    |
| 2608A          | 400 lpm Printer (1-69 print hrs/month)                                 | 11,890               | 131  |
|                | U02: 70-130 print hours per month                                      |                      | +31  |
|                | U03: 131-360 print hours per month                                     |                      | +127 |
| 001            | Character set; adds language option                                    | 165                  | 0    |
| 002            | Character set; adds language option                                    | 165                  | 0    |
| 015            | 220V/50 Hz single phase operation                                      | 0                    | 0    |
| 016            | 100V/50 Hz single phase operation                                      | 0                    | 0    |
| 017            | 240V/50 Hz single phase operation                                      | 0                    | 0    |
| 106            | Six-Pack Ribbon Starter Kit  | 145                  | 0    |
| 110            | Sound cover  | 265                  | 0    |
| 300            | HP 3000 Series III interface and cable                                 | 615                  | 0    |
| 715            | Service Documentation  | 38                   | 0    |
| 2608S          | 400 lpm Printer (1-69 print hrs/month)                                 | 11,170               | 90   |
|                | U02: 70-130 print hours per month                                      |                      | +22  |
|                | U03: 131-360 print hours per month                                     |                      | +88  |
| 001            | Character set; adds language option                                    | 165                  | 0    |

| Product Number | Description                                     | U.S. List Price (\$) | SMMC |
|----------------|---|----------------------|------|
| 002            | Character set; adds language option             | 165                  | 0    |
| 003            | Character set; adds language option             | 165                  | 0    |
| 015            | 220V/50 Hz single phase operation               | 0                    | 0    |
| 016            | 100V/50 Hz single phase operation               | 0                    | 0    |
| 017            | 240V/50 Hz single phase operation               | 0                    | 0    |
| 055            | HP 3000 Multipoint I/O Subsystem                | 870                  | 0    |
| 068            | 6-Pack Ribbon Starter Kit                       | 145                  | 0    |
| 110            | Sound Cover/Static Suppressor                   | 265                  | 0    |
| 113            | Cabinet replaces pedestal stand                 | 310                  | 0    |
| 115            | Passive stacker for pedestal stand              | 335                  | 0    |
| 116            | Passive stacker for cabinet stand               | 335                  | 0    |
| 333            | HP-IB interface and 4 m cable for S/3x          | 1,025                | 0    |
| 340            | HP-IB interface & 4 m cable for S/39,40,42      | 1,025                | 0    |
| 344            | HP-IB interface and 4 m cable for S/44,48       | 1,025                | 0    |
| 364            | HP-IB interface and 4 m cable for S/64,68       | 1,025                | 0    |
| 715            | Service Documentation                           | 38                   | 0    |
| 26001S         | Character Sets (1 option per 26001S)            | 255                  | 0    |
| 001            | Character Sets Upgrade                          | 0                    | 0    |
| 002            | Character Sets Upgrade                          | 0                    | 0    |
| 003            | Character Sets Upgrade                          | 0                    | 0    |
| 26004S         | Sound Abatement Cover                           | 265                  | 0    |
| 26007S         | Passive stacker for pedestal stand              | 335                  | 0    |
| 116            | Passive stacker for cabinet stand               | 0                    | 0    |
| 2611A          | 600 lpm Printer (1-66 print hs. per month)      | 18,560               | 303  |
|                | U02: 67-99 print hours per month                |                      | +144 |
|                | U03: 100-132 print hours per month              |                      | +324 |
|                | U04: 133-165 print hours per month              |                      | +566 |
| 001            | 96 character set; 430 lpm                       | 1,455                | 0    |
| 002            | 64 character set with OCR-B font                | 700                  | 0    |
| 003            | 96 character set with OCR-B font                | 2,155                | 0    |
| 015            | 230V/50 Hz single phase operation               | 0                    | 0    |
| 016            | 100V/50 Hz single phase operation               | 0                    | 0    |
| 017            | 230V/60 Hz single phase operation               | 0                    | 0    |
|                | (See below for options 300,301,302,340,344,364) |                      |      |
| 2619A          | 1000 lpm Printer (1-66 print hrs/month)         | 26,370               | 381  |
|                | U02: 67-99 print hours per month                |                      | +182 |
|                | U03: 100-132 print hours per month              |                      | +409 |
|                | U04: 133-165 print hours per month              |                      | +715 |
| 001            | 96 character set; 750 lpm                       | 1,455                | 0    |
| 002            | 64 character set with OCR-B font                | 700                  | 0    |
| 003            | 96 character set with OCR-B font                | 2,155                | 0    |
| 015            | 230V/50 Hz single phase operation               | 0                    | 0    |
| 016            | 100V/50 Hz single phase operation               | 0                    | 0    |
| 017            | 230V/60 Hz single phase operation               | 0                    | 0    |
|                | (See below for options 300,301,302,340,344,364) |                      |      |
|                | One of the following options must be ordered    |                      |      |
| 300            | HP 3000 Series III cable                        | 1,025                | 0    |

| Product Number   | Description  | U.S. List Price (\$) | SMMC |
|--|--|----------------------|------|
| 301  | Series 30 HP-IB interface and cable  | 2,530                | 22   |
| 302  | Series 33 HP-IB interface and cable  | 2,530                | 22   |
| 340  | Series 39,40,42 HP-IB interface and cable  | 2,530                | 22   |
| 344  | Series 44,48 HP-IB interface and cable   | 2,530                | 22   |
| 364  | Series 64,68 HP-IB interface and cable   | 2,530                | 22   |
| 2932A  | 200 CPS Transaction Printer. Graphics and RS-232 interface standard. Includes national languages, line drawing and math symbols. Cable not included.   | 2,495                | 26   |
| 035  | RS-422   | 50                   | 0    |
| 042  | Centronics Parallel  | 50                   | 0    |
| 046  | HP-IB (No Direct Connect to HP 3000)   | 50                   | 0    |
| 2934A  | 40/67/200 CPS Office Printer. Courier/10 cartridge, graphics, and RS-232 interface are standard. Includes bar code printing, large character set, national languages, line drawing set and math symbols. Cable not included. | 2,895                | 30   |
| 034  | Multipoint Synchronous (2nd - Nth terminal)  | 200                  | 0    |
| 035  | RS-422   | 50                   | 0    |
| 039  | Data Link  | 200                  | 0    |
| 042  | Centronics Parallel  | 50                   | 0    |
| 046  | HP-IB (No Direct Connect to HP 3000)   | 50                   | 0    |
| 29340S   | Single-bin sheetfeeder for the 2933A/2934A   | 600                  | 5    |
| 010  | Compatibility Upgrade Kit for 2933A/34A  | 400                  | 0    |
| CHARACTER SET CARTRIDGES FOR 2933A AND 2934A:                                |  |                      |      |
| 92188A   | Courier 10   | 100                  | 0    |
| 92188B   | Courier 12   | 100                  | 0    |
| 92188M   | Prestige Pica 10   | 100                  | 0    |
| 92188N   | Prestige Elite 12  | 100                  | 0    |
| 92188R   | Letter Gothic 12   | 100                  | 0    |
| 92188G   | OCR A  | 100                  | 0    |
| 92188U   | Arabic 8   | 150                  | 0    |
| 92188V   | Greek 8  | 150                  | 0    |
| 92188W   | Turkish 8  | 150                  | 0    |
| 92188X   | Hebrew 7   | 150                  | 0    |
| 92188Y   | Hebrew 8   | 150                  | 0    |
| 92188J   | Italic 12  | 100                  | 0    |
| 92188T   | OCR B  | 100                  | 0    |
| 92188E   | Helv   | 100                  | 0    |
| 92188H   | Italic 10  | 100                  | 0    |
| * Note: Up to four cartridges may be resident in the printer simultaneously. |  |                      |      |
| 92214P   | Paper Stand (includes cabinet, paper catcher and casters.)   | 275                  | 0    |
| 92154B   | Print Head (approx. 200 million char.)   | 140                  | 0    |
| 92155L   | Three Ribbon Pack (10 million chars/ribbon)  | 72                   | 0    |
| 92171G   | Paper Catcher (for table top)  | 48                   | 0    |

| Product Number  | Description   | U.S. List Price (\$) | SMMC  |
|---|---|----------------------|-------|
| <b>INTELLIGENT PAGE PRINTERS</b> -----  |   |                      |       |
| 2680A   | Intelligent Page Printer. Includes 125,000 rotations. See options 300 thru 364 for cabling. | 76,780               | 580   |
|   | U02: 125,001 to 200,000 rotations   |                      | +400  |
|   | U03: 200,001 to 275,000 rotations   |                      | +770  |
|   | U04: 275,001 to 350,000 rotations   |                      | +1130 |
| HP-performed preventive maintenance. Charge should include base MMC, UOX uplift, plus charges as below: (Prices include print drum and developer)   |   |                      |       |
|   | U21: 0 to 125,000 rotations   |                      | +350  |
|   | U22: 125,001 to 200,000 rotations   |                      | +760  |
|   | U23: 200,001 to 275,000 rotations   |                      | +1110 |
|   | U24: 275,001 to 350,000 rotations   |                      | +1455 |
| HP-performed preventative maintenance is charged separately when Variable Density Print is installed. Charge should include base MMC, UOX uplift, plus charges as below: (Prices include print drum & developer.) |   |                      |       |
|   | U31: 0 to 125,000 rotations   |                      | +616  |
|   | U32: 125,001 to 200,000 rotations   |                      | +985  |
|   | U33: 200,001 to 275,000 rotations   |                      | +1355 |
|   | U34: 275,001 to 350,000 rotations   |                      | +2098 |
| 015   | 208-240V/50 Hz operation  | 0                    | 0     |
| 060   | Graphics/Extended Memory Management   | 2,565                | 0     |
| 062   | Variable Density Print  | 2,550                | 0     |
| 099   | Replaces 8 m cable with 2 m cable   | 0                    | 0     |
| 300   | Series III cable, documentation   | 0                    | 0     |
| 301   | Series 30 cable, documentation  | 0                    | 0     |
| 302   | Series 33 cable, documentation  | 0                    | 0     |
| 337   | Series 37 cable, documentation  | 0                    | 0     |
| 340   | Series 39,40,42 cable, documentation  | 0                    | 0     |
| 344   | Series 44,48 cable, documentation   | 0                    | 0     |
| 364   | Series 64,68 cable, documentation   | 0                    | 0     |
| 500   | Forms Design Package (contains options 062 & 525 and 36581A & 36580A, 2648A and cable)      | 15,250               | 41    |
| 501   | Graphics Package (contains options 060 & 520 and 36583A)                                    | 11,750               | 24    |
| 505   | Add-on 256 Kb memory module   | 4,550                | 6     |
| 520   | One Mb Memory (Deletes std. 256 Kb)   | 5,100                | 24    |
| 521   | One Mb Memory Addition  | 9,000                | 32    |
| 525   | Vacuum Paper Splice Option  | 1,025                | 0     |
| 26080A  | Add-on 256 Kb memory module for 2680A and 26804A (field upgrade)                            | 4,550                | 6     |
| 26084A  | Variable Density Print for 2680A and 26804A (Field upgrade)                                 | 3,550                | 0     |



| Product Number   | Description   | U.S. List Price (\$)             | SMMC |
|--|---|----------------------------------|------|
| 26085A   | Add-on 1 Mb memory for the 2680A and 26804A (field upgrade)   | 9,000                            | 32   |
| 26086A   | Add-on graphics, extended memory management for the 2680A and 26804A (field upgrade)  | 3,690                            | 0    |
| 26804A   | 2685 Laser Print Station. Includes 125,000 rotations. Includes Cables.<br>U02: 125,001 to 200,000 rotations<br>U03: 200,001 to 275,000 rotations<br>U04: 275,001 to 350,000 rotations | 140,800<br>+400<br>+770<br>+1130 | 1092 |
| HP-performed preventive maintenance. Charge should include base MMC, UOX uplift, plus charges as below:<br>(Prices include print drum and developer)   |   |                                  |      |
|  | U21: 0 to 125,000 rotations   | +350                             |      |
|  | U22: 125,001 to 200,000 rotations   | +760                             |      |
|  | U23: 200,001 to 275,000 rotations   | +1,110                           |      |
|  | U24: 275,001 to 350,000 rotations   | +1,455                           |      |
| HP-performed preventative maintenance is charged separately when Variable Density Print is installed. Charge should include base MMC, UOX uplift, plus charges as below:<br>(Prices include print drum & developer.) |   |                                  |      |
|  | U31: 0 to 125,000 rotations   | +616                             |      |
|  | U32: 125,001 to 200,000 rotations   | +985                             |      |
|  | U33: 200,001 to 275,000 rotations   | +1355                            |      |
|  | U34: 275,001 to 350,000 rotations   | +2098                            |      |
| 015  | 220V/50 Hz single phase operation   | 300                              | 0    |
| 017  | 240V/50 Hz single phase operation   | 300                              | 0    |
| 030  | Adds COBOL II compiler  | 5,000                            | 0    |
| 031  | Adds FORTRAN compiler   | 2,100                            | 0    |
| 060  | Graphics/extended memory management   | 2,565                            | 0    |
| 062  | Variable Density Print  | 2,550                            | 0    |
| 065  | Graphics software interface   | 6,000                            | 0    |
| 095  | Deletes 7971; no replacement  | -12,790                          | -154 |
| 096  | Deletes 2382A console; no replacement   | -1,820                           | -20  |
| 097  | Deletes 65 Mb disc; no replacement  | -12,350                          | -45  |
| 098  | Delete 1600 bpi magnetic tape unit and replace with cartridge tape unit on the 7912P  | -8,750                           | -143 |
| 099  | Delete design and formatting software and graphics terminal   | -10,250                          | -41  |
| 339  | Series 39 replaces Series 40 as the controller  | 0                                | 0    |
| 340  | Specifies Series 40 as the controller   | 0                                | 0    |
| 364  | Series 64 replaces Series 40 as controller  | 149,000                          | 835  |
| 503  | Graphics Package  | 14,550                           | 24   |
| 505  | 256 Kb memory extension for printer   | 4,550                            | 0    |
| 520  | One Mb memory (Deletes std. 256 Kb) for laser printer   | 5,100                            | 24   |
| 521  | One Mb memory addition for laser printer  | 9,000                            | 32   |

| Product Number | Description   | U.S. List Price (\$) | SMMC |
|----------------|---|----------------------|------|
| 525            | Vacuum Paper Splice Option  | 1,025                | 0    |
| 607            | Expand controller memory to 1 Mb (S/39/40)                              | 8,200                | 16   |
| 2686A          | LaserJet Personal Laser Printer. Includes 4000 pages/month, 150Vac 60Hz | 3,495                | 78   |
| 2686AU         | LaserJet - 240Vac 50Hz  | 3,650                | 78   |
| 2686AB         | LaserJet - 220Vac 50Hz  | 3,650                | 78   |
| 2687A          | Desktop Text Laser Printer. Includes 10,000 pages/month                 | 12,800               | 151  |
|                | U02: 10,001 to 20,000 pages   |                      | +63  |
|                | U03: 20,001 to 40,000 pages   |                      | +200 |
|                | U04: 40,001 to 70,000 pages   |                      | +388 |
| 015            | 220V/50 Hz operation  | 0                    | 0    |
| 017            | 240V/50 Hz operation  | 0                    | 0    |
| 337            | Series 37 subsystem   | 0                    | 0    |
| 340            | Series 39,40,42 subsystem   | 0                    | 0    |
| 344            | Series 44,48 subsystem  | 0                    | 0    |
| 364            | Series 64,68 subsystem  | 0                    | 0    |
| 2688A          | Text and Graphics Laser Printer. Includes 10,000 pages/month            | 29,950               | 269  |
|                | U02: 10,001 to 20,000 pages   |                      | +63  |
|                | U03: 20,001 to 40,000 pages   |                      | +200 |
|                | U04: 40,001 to 70,000 pages   |                      | +388 |
| 015            | 220V/50 Hz operation  | 0                    | 0    |
| 017            | 240V/50 Hz operation  | 0                    | 0    |
| 040            | Deletes IFS/3000 and Graphics Intrinsic                                 | -4,000               | 0    |
| 337            | Series 37 subsystem   | 0                    | 0    |
| 340            | Series 39,40,42 subsystem   | 0                    | 0    |
| 344            | Series 44,48 subsystem  | 0                    | 0    |
| 364            | Series 64,68 subsystem  | 0                    | 0    |
| 26088A         | Upgrade 2687A to 2688A. Includes 10,000 pages/month                     | 21,150               | 269  |
|                | U02: 10,001 to 20,000 pages   |                      | +63  |
|                | U03: 20,001 to 40,000 pages   |                      | +200 |
|                | U04: 40,001 to 70,000 pages   |                      | +388 |
| 015            | 220V/50 Hz operation  | 0                    | 0    |
| 017            | 240V/50 Hz operation  | 0                    | 0    |
| 040            | Deletes IFS/3000 and Graphics Intrinsic                                 | -4,000               | 0    |
| 337            | Series 37 subsystem   | 0                    | 0    |
| 340            | Series 39,40,42 subsystem   | 0                    | 0    |
| 344            | Series 44,48 subsystem  | 0                    | 0    |
| 364            | Series 64,68 subsystem  | 0                    | 0    |
| 26075A         | Multiple System Access Selector. Order Cables Separately.               | 725                  | 6    |

| Product Number | Description | U.S. List Price (\$) | SMMC |
|----------------|-------------|----------------------|------|
|----------------|-------------|----------------------|------|

**SPEECH PRODUCTS**

|        |  |     |   |
|--------|--|-----|---|
| 27201A | Speech Output Module (27205A required)   | 781 | 4 |
| 001    | Adds 5 16Kb RAMs                         | 150 | 0 |
| 002    | 262x cable with external power supply    | 175 | 8 |
| 003    | 25-pin connector w/external power supply | 175 | 8 |

**GRAPHICS PLOTTERS AND DIGITIZERS**

|        |   |        |     |
|--------|---|--------|-----|
| 7470A  | Graphics Plotter, 2-pen, A-size   | 1,095  | 12  |
| 001    | RS-232-C interface  | 0      | 0   |
| 002    | HP-IB Interface   | 0      | 0   |
| 7475A  | Graphics Plotter, 6-pen, B-size   | 1,895  | 13  |
| 001    | RS-232-C interface  | 0      | 0   |
| 002    | HP-IB interface   | 0      | 0   |
| 7550A  | Graphics Plotter, 8-pen, automatic sheetfeed, B-size, dual I/O; eavesdrop capability, along with HP-IB and RS-232-C interfaces. | 3,900  | 30  |
| 7580B  | Drafting Plotter- D-size; dual I/O; eavesdrop capability, along with HP-IB and RS-232-C interfaces.                             | 13,900 | 14  |
| 7585B  | Drafting Plotter- E-size; dual I/O; eavesdrop capability, along with HP-IB and RS-232-C interfaces.                             | 16,900 | 108 |
| 7586B  | Drafting Plotter- E-size, roll feed; dual I/O   | 21,900 | 108 |
| 9111A  | Graphics Tablet   | 2,275  | 16  |
| 17455A | Eavesdrop cable for 747x opt. 001   | 75     | 0   |
| 17623A | Graphics Tablet for 2623A and 2627A terminals   | 1,920  | 12  |
| 17855A | RS-422-A cable for 7550A  | 200    | 0   |

**INTERACTIVE DISPLAY TERMINALS**

|       |   |       |    |      |
|-------|---|-------|----|------|
| 2392A | Display Terminal                                      | 1,375 | 12 |      |
| 015   | 230V 50Hz Operation                                   | 0     | 0  | 3062 |
| 049   | ANSI Operation  | 0     | 0  |      |
| 092   | Port 2: 25-pin RS-232-C Interface                     | 150   | 0  | 332  |
| 093   | Port 2: 8-bit parallel Centronics-type interface      | 150   | 0  | 334  |
| 160   | Extended Memory; adds up to 4 pages of display memory | 200   | 0  | 400  |
| 101   | Swedish Character Set/keyboard                        | 0     | 0  |      |
| 102   | Norwegian Character Set/Keyboard                      | 0     | 0  |      |
| 103   | French Character Set/keyboard                         | 0     | 0  |      |

| Product Number | Description | U.S. List Price (\$) | SMMC |
|----------------|-------------|----------------------|------|
|----------------|-------------|----------------------|------|

|     |   |    |   |
|-----|---|----|---|
| 104 | German Character Set/keyboard   | 0  | 0 |
| 105 | U.K. Character Set/keyboard   | 0  | 0 |
| 106 | Spanish Character Set/keyboard  | 0  | 0 |
| 107 | Canadian-French Character Set/keyboard                                      | 0  | 0 |
| 108 | Canadian-English Character Set/keyboard                                     | 0  | 0 |
| 109 | Italian Character Set/keyboard  | 0  | 0 |
| 110 | Dutch Character Set/keyboard  | 0  | 0 |
| 111 | Finnish Character Set/keyboard  | 0  | 0 |
| 112 | Danish Character Set/keyboard   | 0  | 0 |
| 113 | Swiss-German Character Set/keyboard   | 0  | 0 |
| 114 | Swiss-French Character Set/keyboard   | 0  | 0 |
| 115 | Spanish-Latin America Character Set/keyboard                                | 0  | 0 |
| 116 | Flemish Character Set/keyboard  | 0  | 0 |
| 301 | U.S. modem cable, (same as cable accessory 40242M)                          | 65 | 0 |
| 302 | European modem cable (same as cable accessory 40242M)                       | 65 | 0 |
| 303 | RS-232-C cable (same as accessory 40242C)                                   | 65 | 0 |
| 304 | HP direct-connect type 232 cable (same as cable accessory 40242X)           | 65 | 0 |
| 305 | EMP (Electro Magnetic Pulse) protect cable (same as cable accessory 40242Y) | 65 | 0 |
| 306 | HP direct-connect type 422 cable (same as cable accessory 40242P)           | 65 | 0 |

PMMC

|       |  |       |    |
|-------|--|-------|----|
| 2623A | Graphics Terminal  | 3,250 | 18 |
| 202   | Line Drawing Character Set and Roman extension (provides national languages with U.S. ASCII keyboard) (See below for additional options) | 105   | 0  |
| 2624B | Data Entry Terminal  | 3,035 | 16 |
| 160   | Additional Display Memory  | 210   | 0  |
| 201   | Math and Large Character Set (See below for additional options)  | 105   | 0  |

The following options apply to the 2623A and the 2624B:

|     |   |       |   |
|-----|---|-------|---|
| 001 | Finnish/Swedish character set/keyboard  | 105   | 0 |
| 002 | Danish/Norwegian character set/keyboard | 105   | 0 |
| 003 | French character set/keyboard           | 105   | 0 |
| 004 | German character set/keyboard           | 105   | 0 |
| 005 | United Kingdom character set/keyboard   | 105   | 0 |
| 006 | Spanish character set/keyboard          | 105   | 0 |
| 013 | 240V/50 Hz operation                    | 0     | 0 |
| 014 | 100V/60 Hz operation                    | 0     | 0 |
| 015 | 220V/50 Hz operation                    | 0     | 0 |
| 016 | 100V/50 Hz operation                    | 0     | 0 |
| 035 | RS422 for ATP                           | 125   | 0 |
| 050 | Integral Thermal Printer                | 1,210 | 8 |
| 061 | Green CRT                               | 50    | 0 |
| 062 | Amber CRT                               | 100   | 0 |
| 090 | Delete Pedestal and Fan                 | 0     | 0 |
| 301 | U.S. Modem Cable, Male, Same as 13222N  | 79    | 0 |

| Product Number | Description  | U.S. List Price (\$) | PMMC |
|----------------|--|----------------------|------|
| 302            | European Modem Cable, Male, Same as 13222M               | 79                   | 0    |
| 303            | RS-232-C Cable, Female, Same as 13222C                   | 53                   | 0    |
| 304            | HP Direct Connect RS-232 Cable, Male, Same as 13222X     | 79                   | 0    |
| 305            | RS-232-C EMP Protect Cable, Male, Same as 13222Y         | 53                   | 0    |
| 306            | HP Direct Connect RS-422 Cable, Male, Same as 13222P     | 79                   | 0    |
| 401            | Tilt and Swivel Base                                     | 50                   | 0    |
| 2625A          | Dual System Terminal                                     | 3,495                | 12   |
| 001            | Swedish character set/keyboard                           | 0                    | 0    |
| 002            | Norwegian character set/keyboard                         | 0                    | 0    |
| 004            | German character set/keyboard                            | 0                    | 0    |
| 005            | United Kingdom character set/keyboard                    | 0                    | 0    |
| 006            | Spanish character set/keyboard                           | 0                    | 0    |
| 007            | French Canadian character set/keyboard                   | 0                    | 0    |
| 008            | French character set/keyboard                            | 0                    | 0    |
| 009            | Italian character set/keyboard                           | 0                    | 0    |
| 010            | Dutch character set/keyboard                             | 0                    | 0    |
| 011            | Finnish character set/keyboard                           | 0                    | 0    |
| 012            | Danish character set/keyboard                            | 0                    | 0    |
| 013            | 240V/50 Hz operation                                     | 0                    | 0    |
| 014            | 100V/60 Hz operation                                     | 0                    | 0    |
| 015            | 220V/50 Hz operation                                     | 0                    | 0    |
| 016            | 100V/50 Hz operation                                     | 0                    | 0    |
| 021            | Port 1 Data Link   | 125                  | 0    |
| 022            | 262x Pod Adapter   | 125                  | 0    |
| 026            | HP-IB Port   | 150                  | 0    |
| 027            | First Daisy Chain  | 60                   | 0    |
| 028            | Asynchronous Daisy Chain                                 | 50                   | 0    |
| 038            | Synchronous Daisy Chain                                  | 90                   | 0    |
| 047            | First Daisy Chain - IBM compatible                       | 0                    | 0    |
| 048            | Daisy Chain - IBM compatible                             | 0                    | 0    |
| 050            | Integral Thermal Printer                                 | 1,210                | 8    |
| 061            | Green CRT  | 50                   | 0    |
| 062            | Amber CRT  | 100                  | 0    |
| 301            | U.S. Modem Cable, Male, Same as 13242N                   | 79                   | 0    |
| 302            | European Modem Cable, Male, Same as 13242M               | 79                   | 0    |
| 303            | RS-232-C Cable, Female, Same as 40242C                   | 53                   | 0    |
| 304            | HP Direct Connect RS-232 Cable, Male, Same as 13242X     | 79                   | 0    |
| 305            | RS-232-C EMP Protect Cable, Male, Same as 13242Y         | 74                   | 0    |
| 306            | HP Direct Connect RS-422 Cable, Male, Same as 13242P     | 79                   | 0    |
| 308            | IM HP-IB Cable, Same as 45529A                           | 70                   | 0    |
| 309            | Daisy Chain Multipoint Cable                             | 79                   | 0    |
| 310            | First Multipoint Cable, Synchronous, Clock from Terminal | 79                   | 0    |
| 311            | First Multipoint Cable, Synchronous, Clock from Modem    | 79                   | 0    |
| 312            | First Multipoint Cable, Asynchronous                     | 79                   | 0    |
| 401            | Tilt and Swivel Pedestal                                 | 50                   | 0    |

| Product Number | Description   | U.S. List Price (\$) | PMMC |
|----------------|---|----------------------|------|
| 523            | HP and TEK 4014 Graphics                                      | 640                  | 0    |
| 528            | HPWORD  | 400                  | 0    |
| 2626A          | Display Station. 110V/60 Hz                                   | 4,900                | 26   |
| 001            | Finnish/Swedish character set/keyboard                        | 265                  | 0    |
| 002            | Danish/Norwegian character set/keyboard                       | 265                  | 0    |
| 003            | French character set/keyboard                                 | 265                  | 0    |
| 004            | German character set/keyboard                                 | 265                  | 0    |
| 005            | United Kingdom character set/keyboard                         | 265                  | 0    |
| 006            | Spanish character set/keyboard                                | 265                  | 0    |
| 013            | 240V/50 Hz operation  | 0                    | 0    |
| 014            | 100V/60 Hz operation  | 0                    | 0    |
| 015            | 220V/50 Hz operation  | 0                    | 0    |
| 016            | 100V/50 Hz operation  | 0                    | 0    |
| 035            | RS422 for ATP   | 125                  | 0    |
| 050            | Integral Thermal Printer                                      | 1,210                | 8    |
| 061            | Green CRT   | 50                   | 0    |
| 090            | Delete Pedestal and Fan                                       | 0                    | 0    |
| 201            | Math and Large Character Set (included with language options) | 265                  | 0    |
| 301            | U.S. Modem Cable, Male, Same as 13222N                        | 79                   | 0    |
| 302            | European Modem Cable, Male, Same as 13222M                    | 79                   | 0    |
| 303            | RS-232-C Cable, Female, Same as 13222C                        | 53                   | 0    |
| 304            | HP Direct Connect RS-232 Cable, Male, Same as 13222X          | 79                   | 0    |
| 305            | RS-232-C EMP Protect Cable, Male, Same as 13222Y              | 53                   | 0    |
| 306            | HP Direct Connect RS-422 Cable, Male, Same as 13222P          | 79                   | 0    |
| 401            | Tilt and Swivel Base  | 50                   | 0    |
| 2627A          | Color Graphics Terminal                                       | 5,975                | 20   |
| 001            | Finnish/Swedish keyboard                                      | 105                  | 0    |
| 002            | Danish/Norwegian keyboard                                     | 105                  | 0    |
| 003            | French keyboard   | 105                  | 0    |
| 004            | German keyboard   | 105                  | 0    |
| 005            | United Kingdom keyboard                                       | 105                  | 0    |
| 006            | Spanish keyboard  | 105                  | 0    |
| 013            | 240V/50 Hz  | 0                    | 0    |
| 014            | 100V/60 Hz  | 0                    | 0    |
| 015            | 220V/50 Hz  | 0                    | 0    |
| 016            | 100V/50 Hz  | 0                    | 0    |
| 087            | Video Interface (includes cables)                             | 250                  | 0    |
| 301            | U.S. Modem Cable, Male, Same as 13222N                        | 79                   | 0    |
| 302            | European Modem Cable, Male, Same as 13222M                    | 79                   | 0    |
| 303            | RS-232-C Cable, Female, Same as 13222C                        | 53                   | 0    |
| 304            | HP Direct Connect RS-232 Cable, Male, Same as 13222X          | 79                   | 0    |
| 305            | RS-232-C EMP Protect Cable, Male, Same as 13222Y              | 53                   | 0    |
| 306            | HP Direct Connect RS-422 Cable, Male, Same as 13222P          | 79                   | 0    |

| Product Number | Description  | U.S. List Price (\$) | PMMC |
|----------------|--|----------------------|------|
| 2628A          | HPWORD Terminal  | 3,195                | 13   |
| 001            | Swedish character set/keyboard                           | 0                    | 0    |
| 002            | Norwegian character set/keyboard                         | 0                    | 0    |
| 004            | German character set/keyboard                            | 0                    | 0    |
| 005            | United Kingdom character set/keyboard                    | 0                    | 0    |
| 006            | Spanish character set/keyboard                           | 0                    | 0    |
| 007            | French Canadian character set/keyboard                   | 0                    | 0    |
| 008            | French character set/keyboard                            | 0                    | 0    |
| 009            | Italian character set/keyboard                           | 0                    | 0    |
| 010            | Dutch character set/keyboard                             | 0                    | 0    |
| 011            | Finnish character set/keyboard                           | 0                    | 0    |
| 012            | Danish character set/keyboard                            | 0                    | 0    |
| 013            | 240V/50 Hz operation                                     | 0                    | 0    |
| 014            | 100V/60 Hz operation                                     | 0                    | 0    |
| 015            | 220V/50 Hz operation                                     | 0                    | 0    |
| 016            | 100V/50 Hz operation                                     | 0                    | 0    |
| 021            | Port 1 Data Link   | 125                  | 0    |
| 022            | 262x Pod Adapter   | 125                  | 0    |
| 027            | First Daisy Chain  | 60                   | 0    |
| 028            | Asynchronous Daisy Chain                                 | 50                   | 0    |
| 038            | Synchronous Daisy Chain                                  | 50                   | 0    |
| 046            | HP-IB Port   | 150                  | 0    |
| 050            | Integral Thermal Printer                                 | 1,210                | 8    |
| 061            | Green CRT  | 50                   | 0    |
| 062            | Amber CRT  | 100                  | 0    |
| 301            | U.S. Modem Cable, Male, Same as 13242N                   | 79                   | 0    |
| 302            | European Modem Cable, Male, Same as 13242M               | 79                   | 0    |
| 303            | RS-232-C Cable, Female, Same as 40242C                   | 53                   | 0    |
| 304            | HP Direct Connect RS-232 Cable, Male, Same as 13242X     | 79                   | 0    |
| 305            | RS-232-C EMP Protect Cable, Male, Same as 13242Y         | 74                   | 0    |
| 306            | HP Direct Connect RS-422 Cable, Male, Same as 13242P     | 79                   | 0    |
| 308            | IM HP-IB Cable, Same as 45529A                           | 70                   | 0    |
| 309            | Daisy Chain Multipoint Cable                             | 79                   | 0    |
| 310            | First Multipoint Cable, Synchronous, Clock from Terminal | 79                   | 0    |
| 311            | First Multipoint Cable, Synchronous, Clock from Modem    | 79                   | 0    |
| 312            | First Multipoint Cable, Asynchronous                     | 79                   | 0    |
| 401            | Tilt and Swivel Pedestal                                 | 50                   | 0    |
| 523            | HP and TEK 4014 Graphics                                 | 640                  | 0    |
|                |  |                      | SMMC |
| 2641A          | APL Display Station                                      | 5,850                | 34   |
| 201            | Math Character Set                                       | 105                  | 0    |
| 202            | Line Drawing Set   | 160                  | 0    |
| 203            | Large Character Set                                      | 160                  | 0    |
|                | (See below for additional options)                       |                      |      |
| 2645A          | Display Station  | 4,600                | 34   |
| 005            | U.K. Character Set                                       | 0                    | 0    |
| 008            | Expands memory to 8 Kb                                   | 315                  | 0    |

| Product Number | Description   | U.S. List Price (\$) | SMMC |
|----------------|---|----------------------|------|
| 009            | Expands memory to 12 Kb   | 525                  | 0    |
| 061            | Device Support Firmware   | 180                  | 0    |
|                | (See below for additional options)  |                      |      |
| 2645N          | Danish/Norwegian Display Station  | 4,900                | 33   |
|                | (See below for options)   |                      |      |
| 2645R          | Arabic Display Station  | 5,750                | 44   |
| 201            | Math Character Set  | 105                  | 0    |
| 202            | Line Drawing Set  | 160                  | 0    |
| 203            | Large Character Set   | 160                  | 0    |
|                | (See below for additional options)  |                      |      |
| 2645S          | Swedish/Finnish Display Station   | 4,900                | 33   |
|                | (See below for options)   |                      |      |
| 2647F          | Intelligent Graphics Terminal   | 11,500               | 89   |
| 072            | Second Flexible Mini Disc Drive   | 1,050                | 0    |
| 890            | Series 64,68 Console  | -1,750               | 0    |
|                | (See below for additional options)  |                      |      |
| 2648A          | Graphics Terminal   | 8,650                | 41   |
| 096            | Shared Peripheral Interface   | 735                  | 0    |
|                | (See below for additional options)  |                      |      |
|                | The following options and products apply to 2641A, 2645A/N/R/S, 2647F, and 2648A except as noted:                           |                      |      |
| 003            | Display Enhancements (except 2641A, 2645N/R/S, 2647F)   | 325                  | 0    |
| 004            | Display Enhancements with Math and Large Character Sets (except 2641A, 2645N/R/S, 2647F)                                    | 525                  | 0    |
| 007            | Integrated dual cartridge tapes (except 2647F)  | 1,400                | 12   |
| 015            | 230V/50 Hz  | 0                    | 0    |
| 016            | 115V/50 Hz (except 2641A, 2645N/R/S)  | 0                    | 0    |
| 033            | Delete communications interface; add asynchronous multipoint communication capability; includes monitor mode (except 2647F) | 265                  | 0    |
| 034            | Delete communications interface; add synchronous multipoint communications capability; includes monitor mode (except 2647F) | 290                  | 0    |
| 035            | RS422 for ATP (except 2641A, 2645N/R/S)   | 125                  | 0    |
| 054            | Video Output Interface (except 2641A, 2645N/R/S, and 2647F)   | 160                  | 0    |
| 301            | U.S. Modem Cable, Male, Same as 13232N  | 89                   | 0    |
| 302            | European Modem Cable, Male, Same as 13232M  | 89                   | 0    |
| 303            | RS-232-C Cable, Female, Same as 13232C  | 53                   | 0    |
| 304            | HP Direct Connect RS-232 Cable, Male, Same as 13232X  | 79                   | 0    |
| 305            | RS-232-C EMP Protect Cable, Male, Same as 13232Y (except 2647F)   | 74                   | 0    |



| Product Number  | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| 306   | HP Direct Connect RS-422 Cable, Male, Same as 13232I       | 79                   | 0    |
| <b>DATA COLLECTION AND INDUSTRIAL TERMINALS</b> ----- |  |                      |      |
| 3075A   | Desk Top Data Capture Terminal (See below for options)     | 2,715                | 54   |
| 3076A   | Wall Mounted Data Capture Terminal (See below for options) | 3,200                | 54   |
| The following options apply to 3075A and 3076A:       |  |                      |      |
| 004   | Alphanumeric keyboard                                      | 270                  | 0    |
| 005   | Alphanumeric display                                       | 570                  | 0    |
| 006   | 5-inch CRT   | 985                  | 17   |
| 007   | Multifunction reader                                       | 985                  | 46   |
| 008   | Type V badge reader  | 570                  | 26   |
| 009   | Alphanumeric printer                                       | 570                  | 35   |
| 010   | General Purpose Bar Code Reader                            | 640                  | 12   |
| 011   | Auxiliary HP-IB Port                                       | 805                  | 0    |
| 012   | Magnetic Stripe Reader                                     | 690                  | 13   |
| 013   | RS-232-C Auxiliary Interface                               | 570                  | 0    |
| 015   | 220V/240V operation  | 0                    | 0    |
| 021   | Delete reference manual                                    | -50                  | N/A  |
| 054   | Low resolution industrial bar code reader                  | 1,030                | 11   |
| 055   | High resolution industrial bar code reader                 | 1,030                | 11   |
| 3077A   | Time Reporting Terminal                                    | 3,610                | 61   |
| 001   | Replace Type V Reader with Multifunction Reader            | 460                  | 0    |
| 002   | Replace Type V Reader with Magnetic Stripe Reader          | 115                  | 0    |
| 005   | Alphanumeric Display                                       | 635                  | 0    |
| 015   | 220V/240V operation  | 0                    | 0    |
| 021   | Delete Reference Manual                                    | -50                  | N/A  |
| 3081A   | Industrial Workstation Terminal                            | 740                  | 8    |
| 004   | Alphanumeric keyboard                                      | 115                  | 0    |
| 020   | Mounting Bracket   | 95                   | 0    |
| 052   | Office Wand, 12 mil  | 160                  | 5    |
| 053   | Office Wand, 6 mil   | 160                  | 5    |
| 054   | Industrial Wand, 45 mil                                    | 290                  | 8    |
| 055   | Industrial Wand, 7 mil                                     | 290                  | 8    |
| 056   | Slot Reader, 6 mil   | 315                  | 8    |
| 057   | Slot Reader, 15 mil  | 315                  | 8    |
| 92920A  | Standard Data Comm Cable for 3081A (300-meter reel)        | 475                  | 0    |
| 92921A  | Special Data Comm Cable for 3081A (300-meter reel)         | 705                  | 0    |
| 92922A  | 4-Channel Adapter for 3081A                                | 945                  | 8    |
| 015   | 220V 50/60 Hz operation                                    | 0                    | 0    |

| Product Number                                  | Description   | U.S. List Price (\$) | SMMC |
|---|---|----------------------|------|
| 3092A   | Industrial Display Terminal compatible with 2622A (See below for options)   | 4,305                | 30   |
| 3093A   | Industrial Display Terminal compatible with 2623A (See below for options)   | 6,040                | 38   |
| The following options apply to 3092A and 3093A: |   |                      |      |
| 001   | Finnish/Danish "QWERTY" character set/keyboard                              | 150                  | 0    |
| 002   | Danish/Norwegian "QWERTY" character set/keyboard                            | 150                  | 0    |
| 003   | French "QWERTY" character set/keyboard                                      | 150                  | 0    |
| 004   | German "QWERTY" character set/keyboard                                      | 150                  | 0    |
| 005   | U.K. "QWERTY" character set/keyboard  | 150                  | 0    |
| 006   | Spanish "QWERTY" character set/keyboard                                     | 150                  | 0    |
| 007   | USASCII "QWERTY" character set/keyboard                                     | 0                    | 0    |
| 015   | 220V operation  | 0                    | 0    |
| 035   | RS-422 Datacomm   | 140                  | 0    |
| 054   | Low resolution bar code reader  | 815                  | 11   |
| 055   | High resolution bar code reader   | 815                  | 11   |
| 056   | High resolution bar code slot reader  | 815                  | 11   |
| 057   | Low resolution bar code slot reader   | 815                  | 11   |
| 39800A  | Programmable bar code reader with 2 RS-232 ports and internal power supply. | 1,150                | 6    |
| 39801A  | Bar code reader with 2 RS-232 ports and internal power supply.              | 965                  | 6    |
| <b>TERMINAL ACCESSORIES</b> -----               |   |                      |      |
| 13231A  | Display Enhancements (except 2647F)   | 400                  | 0    |
| 201   | Math Symbols Alternate Character Set  | 105                  | 0    |
| 203   | Large Character Alternate Character Set                                     | 160                  | 0    |
| 13234A  | Terminal 4 K Memory Module (except 2647F)                                   | 320                  | 0    |
| 13236B  | Cartridge Tape Upgrade Kit (includes installation)                          | 1,655                | 0    |
| 13250B  | Serial Printer Interface Board  | 330                  | 0    |
| 13257N  | LINK/47 (2647F/HP 3000 File Transfer Software)                              | 195                  | 0    |
| 13260E  | RS422 for ATP (data comm. firmware for 2645A standard)                      | 315                  | 0    |
| 002   | Deletes 45A Data Comm. Firmware/Keyboard and Overlay                        | -25                  | 0    |
| 003   | Data Comm. Firmware for 2648A   | 0                    | 0    |
| 13261A  | Device Support Firmware   | 185                  | 0    |
| 001   | Specifies 2641A   | 0                    | 0    |

| Product Number | Description  | U.S. List Price (\$) | SMMC |
|----------------|--|----------------------|------|
| 002            | Specifies 2645R  | 0                    | 0    |
| 003            | Specifies 2648A  | 0                    | 0    |
| 13265A         | 300 Baud Modem Pod for 262x  | 500                  | 0    |
| 001            | Replaces 262x cable with 264x cable  | 0                    | 0    |
| 13266A         | Current Loop Converter for 2x Series (except 21B)  | 200                  | 0    |
| 13266E         | RS422 for ATP for 2622A or 2623A   | 125                  | 0    |
| 001            | For 2624A/B, 2626A/W   | 0                    | 0    |
| 13273A         | Autoplot/2700 Software   | 1,250                | 0    |
| 13273C         | Paintbrush/2700 Software   | 1,250                | 0    |
| 13273G         | Double Buffered Graphics Memory  | 1,400                | 0    |
| 001            | Connectors required for RGB Video Output Interface   | 50                   | 0    |
| 13273H         | Shared Peripheral Interface  | 1,300                | 0    |
| 13273M         | RGB Video Output Interface   | 1,200                | 0    |
| 001            | Connectors required for double buffered graphics memory  | 50                   | 0    |
| 13273P         | Application Memory 128 Kb  | 1,300                | 0    |
| 001            | Application Memory 256 Kb  | 600                  | 0    |
| 13273T         | Data Tablet and Interface  | 2,200                | 0    |
| 13273V         | Vector Memory 128 Kb   | 1,200                | 0    |
| 001            | Vector Memory 256 Kb   | 600                  | 0    |
| 13296A         | Shared Peripheral Interface for 2648A Graphics Terminals   | 745                  | 0    |
| 17623A         | Graphics Tablet for 2627A  | 1,920                | 12   |
| 40206A         | Tilt and Swivel Base upgrade for 262x terminals; except 2627A  | 130                  | 0    |
| 92207A         | Anti-Glare Filter for 262x terminals   | 110                  | 0    |
| 92207B         | Anti-Glare Filter for 264x terminals   | 110                  | 0    |
| 92911A         | Bar Code Reader Accessory for 2622A, 2623A, 2624B, 2626A, 2627A and 45500A (HP 125A) terminals. Med. density wand. | 650                  | 5    |
| 053            | High resolution wand   | 0                    | 0    |
| 054            | Low resolution industrial wand   | 130                  | 8    |
| 055            | High resolution industrial wand  | 130                  | 8    |
| 060            | Codabar code   | 0                    | 0    |
| 92915A         | Bar Code Reader Accessory for 2392A and HP150  | 495                  |      |

| Product Number                         | Description  | U.S. List Price        | SMMC      |
|--|--|------------------------|-----------|
| <b>DATACOMM NETWORK SERVICES</b> ----- |  |                        |           |
|  |  | <u>U.S. List Price</u> |           |
|  |  | <u>A</u>               | <u>M*</u> |
|  |  | <u>R**</u>             |           |
| 30245                                  | SNA NRJE Network Remote Job Entry. Requires 30246A SNA Link. | 0                      | 0         |
| <u>Processor Options (Select One)</u>  |  |                        |           |
| 310                                    | For Series 37  | 3,000                  | 1,500     |
| 320                                    | For Series 39 through 48                                     | 4,500                  | 2,250     |
| 330                                    | For Series 64 and 68   | 4,500                  | 2,250     |
| 800                                    | Upgrade from MRJE (30249 or 32192)                           | -2,000                 | -1,000    |
| <u>Upgrade Options</u>                 |  |                        |           |
| 315                                    | Opt. 310 Class to 320  | 1,500                  | 750       |
| 325                                    | Opt. 320 Class to 330  | 0                      | 0         |
| 335                                    | Opt. 310 Class to 330  | 1,500                  | 750       |
| 30247                                  | SNA IMF Interactive M/F Facility Requires 30246A SNA Link.   | 0                      | 0         |
| <u>Processor Options (Select One)</u>  |  |                        |           |
| 310                                    | For Series 37  | 3,500                  | 1,750     |
| 320                                    | For Series 39 - 48   | 6,000                  | 3,000     |
| 330                                    | For Series 64 - 68   | 6,000                  | 3,000     |
| 800                                    | Upgrade from IMF 30250 or 32229.                             | -3,000                 | -1,500    |
| <u>Upgrade Options</u>                 |  |                        |           |
| 315                                    | Opt. 310 Class to 320  | 2,500                  | 1,250     |
| 325                                    | Opt. 320 Class to 330  | 0                      | 0         |
| 330                                    | Opt. 310 Class to 330  | 2,500                  | 1,250     |
| 30248                                  | RJE Remote Job Entry. Requires 30251A BSC Link               | 0                      | 0         |
| <u>Processor Options (Select One)</u>  |  |                        |           |
| 310                                    | For Series 30, 33 and 37                                     | 1,500                  | 750       |
| 320                                    | For Series III and 39 through 48                             | 2,000                  | 1,000     |
| 330                                    | For Series 64 and 68   | 2,000                  | 1,000     |
| <u>Upgrade Options</u>                 |  |                        |           |
| 315                                    | Opt. 310 Class to 320  | 500                    | 250       |
| 325                                    | Opt. 320 Class to 330  | 0                      | 0         |
| 335                                    | Opt. 310 Class to 330  | 500                    | 250       |
| 30249                                  | MRJE Multileaving Remote Job Entry. Requires 30251A BSC Link | 0                      | 0         |
| <u>Processor Options (Select One)</u>  |  |                        |           |
| 310                                    | For Series 30, 33 and 37                                     | 2,500                  | 1,250     |
| 320                                    | For Series III and 39 through 48                             | 3,500                  | 1,750     |
| 330                                    | For Series 64 and 68   | 3,500                  | 1,750     |
| <u>Upgrade Options</u>                 |  |                        |           |

| Product Number                 | Description  |       | U.S. List Price (\$) | SMMC  |
|--------------------------------|--|-------|----------------------|-------|
| 315                            | Opt. 310 Class to 320  | 1,000 | 500                  | 500   |
| 325                            | Opt. 320 Class to 330  | 0     | 0                    | 0     |
| 335                            | Opt. 310 Class to 335  | 1,000 | 500                  | 500   |
| 30250                          | IMF Interactive Mainframe Facility. Requires 30251A BSC Link   | 0     | 0                    | 0     |
| Processor Options (Select One) |  |       |                      |       |
| 310                            | For Series 30, 33 and 37   | 3,500 | 1,750                | 1,750 |
| 320                            | For Series III and 39 through 48   | 6,000 | 6,000                | 3,000 |
| 330                            | For Series 64 and 68   | 6,000 | 3,000                | 3,000 |
| Upgrade Options                |  |       |                      |       |
| 315                            | Opt. 310 Class to 320  | 2,500 | 1,250                | 1,250 |
| 325                            | Opt. 320 Class to 330  | 0     | 0                    | 0     |
| 335                            | Opt. 310 Class to 330  | 2,500 | 1,250                | 1,250 |
| 32185                          | DS Network Services for the HP 3000 running MPE IV, V/R, V/E, V/P. Requires a 30270A, 30271A, 32187A and/or 32188A Network Link. | 0     | 0                    | 0     |
| Processor Options (Select One) |  |       |                      |       |
| 310                            | For Series 30, 33 and 37   | 2,500 | 1,250                | 1,250 |
| 320                            | For Series III, 39 through 48  | 4,000 | 2,000                | 2,000 |
| 330                            | For Series 64 and 68   | 4,000 | 2,000                | 2,000 |
| 32025                          | MTS Multipoint Terminal Support Service for the HP 3000. Requires a 32026A, 32027A or 32028A Link                                | 0     | 0                    | 0     |
| Processor Options (Select One) |  |       |                      |       |
| 310                            | For Series 30 and 33   | 2,200 | 1,000                | 1,100 |
| 320                            | For Series III, 39 through 48  | 2,200 | 1,100                | 1,100 |
| 330                            | For Series 64 and 68   | 2,200 | 1,100                | 1,100 |
| 30239                          | Workstation Configuration  | 0     | 0                    | 0     |
| Processor Options (Select One) |  |       |                      |       |
| 310                            | For Series 37  | 2,100 | 1,050                | 1,050 |
| 320                            | For Series 39 through 48   | 3,500 | 1,750                | 1,750 |
| 330                            | For Series 64 and 68   | 3,500 | 1,750                | 1,750 |

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**DATA COMM NETWORK LINKS** -----

|        |   |  |   |  |
|--------|---|--|---|--|
| 30246A | SNA Link<br>For use with 30245A/M/R SNA NRJE<br>Requires service contract for hardware<br>Select one Combination Processor/<br>Cable Option |  | 0 |  |
|--------|---|--|---|--|

| Product Number    | Description  |       | U.S. List Price (\$) | SMMC |
|-------------------|--|-------|----------------------|------|
| Processor Options |  |       |                      |      |
| 1                 | For Series 37 (Note: not available until the 2nd release of MPE for the Series 37)   | 4,535 |                      | 28   |
| 3                 | For Series 39 through 42   | 7,560 |                      | 53   |
| 4                 | For Series 44 through 68   | 7,560 |                      | 53   |
| 190               | For Series 37, no hardware (Note: not available until the 2nd release of MPE for the Series 37)  | 1,815 |                      |      |
| 390               | For Series 39 through 42, no hardware  | 3,325 |                      |      |
| 490               | For Series 44 through 68, no hardware  | 3,325 |                      |      |
| Cable Options     |  |       |                      |      |
| 10                | For Synchronous Modem connections  | 0     |                      |      |
| 20                | For High Speed Connection to V.35 Digital Phone Network (up to 56 kbps)  | 0     |                      |      |
| 30251A            | BSC Link<br>For use with 30248A/M/R RJE, 30249A/M/R MRJE, or 30250A/M/R IMF. Requires service contract for hardware. Select one combination Processor/Cable Option |       |                      | 0    |
| Processor Options |  |       |                      |      |
| 1                 | For Series 37  | 3,025 |                      | 28   |
| 2                 | For Series III (Note: no option 225)   | 5,445 |                      | 43   |
| 3                 | For Series 30 and 39 through 42  | 5,040 |                      | 53   |
| 4                 | For Series 33 and 44 through 68  | 5,040 |                      | 53   |
| 190               | For Series 37, no hardware   | 305   |                      |      |
| 290               | For Series III, no hardware  | 805   |                      |      |
| 390               | For Series 30 and 39 through 42, no hardware   | 805   |                      |      |
| 490               | For Series 33 and 44 through 68, no hardware   | 805   |                      |      |
| Cable Options     |  |       |                      |      |
| 10                | For Synchronous Modem connections  | 0     |                      |      |
| 15                | For X.21 Connection (Note: For use with RJE only)  | 0     |                      |      |
| 20                | For High Speed Connection to V.35 Digital Phone Network (up to 56 kbps) (Note: Not for use with IMF)   | 0     |                      |      |
| 25                | For Connection to Synchronous Modems with Auto Call (Note: Not for use with IMF)   | 0     |                      |      |
| 30270A            | Point-to-Point Hardwired Link for HP 3000<br>Requires HP 32185A/M/R Network Services Product. Select one combination Processor/Cable Option                        |       |                      | 0    |
| Processor Options |  |       |                      |      |
| 1                 | For Series 37  | 3,530 |                      | 28   |
| 2                 | For Series III (Note: option 250 not available)  | 5,445 |                      | 48   |
| 3                 | For Series 30 and 39 through 42  | 5,040 |                      | 53   |
| 4                 | For Series 33 and 44 through 68  | 5,040 |                      | 53   |
| 190               | For Series 37, no hardware   | 805   |                      |      |

| Product Number                        | Description  | U.S. List Price (\$) | SMMC |
|---------------------------------------|--|----------------------|------|
| 290                                   | For Series III, no hardware  | 805                  |      |
| 390                                   | For Series 30 and 39 through 42, no hardware   | 805                  |      |
| 490                                   | For Series 33 and 44 through 68, no hardware   | 805                  |      |
| <u>Cable Options</u>                  |  |                      |      |
| 35                                    | For high speed (u to 56 kbps) connection   | 0                    |      |
| 40                                    | For medium speed connection to HP 3000 with SSLC   | 0                    |      |
| 45                                    | For high speed (up to 56 kbps) connection to HP 1000   | 0                    |      |
| 30271A                                | Point-to-Point Modem Link for HP 3000 Requires 32185A/M/R Network Services Product. Select one combination Processor/Cable                     | 0                    |      |
| <u>Processor Options</u>              |  |                      |      |
| 1                                     | For Series 37  | 3,530                | 28   |
| 2                                     | For Series III (Note: option 225 not available)  | 5,445                | 43   |
| 3                                     | For Series 30 and 39 through 42  | 5,040                | 53   |
| 4                                     | For Series 33 and 44 through 68  | 5,040                | 53   |
| 190                                   | For Series 37, no hardware   | 805                  |      |
| 290                                   | For Series III, no hardware  | 805                  |      |
| 390                                   | For Series 30 and 39 through 42, no hardware   | 805                  |      |
| 490                                   | For Series 33 and 44 through 68, no hardware   | 805                  |      |
| <u>Cable Options</u>                  |  |                      |      |
| 10                                    | For connection to Synchronous Modem  | 0                    |      |
| 15                                    | For X.21 Connection  | 0                    |      |
| 20                                    | For high speed (up to 56 kbps) connection to V.35 digital phone network  | 0                    |      |
| 25                                    | For Connection to Synchronous Modems with Auto Call  | 0                    |      |
| 32187A                                | X.25 Network Link for HP 3000 running MPE IV, V/R, V/E, V/P. Requires HP 32185A/M/R Network Services unless used solely for X.25 Terminal I/O. | 0                    |      |
| <u>Processor Options (Select one)</u> |  |                      |      |
| 1                                     | For Series 37  | 5,240                | 28   |
| 2                                     | For Series III   | 7,960                | 43   |
| 3                                     | For Series 30 and 39 through 42  | 7,560                | 53   |
| 4                                     | For Series 33 and 44 through 68  | 7,560                | 53   |
| 190                                   | For Series 37, no hardware   | 2,520                |      |
| 290                                   | For Series III, no hardware  | 3,330                |      |
| 390                                   | For Series 30 and 39 through 42, no hardware   | 3,330                |      |
| 490                                   | For Series 33 and 44 through 68, no hardware   | 3,330                |      |

| Product Number                                | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| <u>Cable Options</u>                          |  |                      |      |
| 10  | For Synchronous Modem Connection   | 0                    |      |
| 20  | For high speed (up to 56 kbps) connection to V.35 digital phone network  | 0                    |      |
| 35  | Direct Connect to HP 3000  | 0                    |      |
| 32188A  | Satellite Network Link for HP 3000 running MPE V/E, V/P. Requires HP 32185A/M/R Network Services. Select one Processor Option Note: Available only in the U.S.A. | 0                    |      |
| <u>Processor Options</u>                      |  |                      |      |
| 300   | For Series 39 through 42   | 20,160               |      |
| 400   | For Series 44 through 68   | 20,160               |      |
| 390   | For Series 39 through 42, no hardware  | 15,925               |      |
| 490   | For Series 44 through 68, no hardware  | 15,925               |      |
| 32026A  | MTS Data Link Connection for HP 3000 Requires 32025A MTS Service Select one combination Processor/Power Option   | 0                    |      |
| <u>Processor Options</u>                      |  |                      |      |
| 2   | For Series III   | 6,250                | 49   |
| 3   | For Series 30 and 39 through 42  | 5,845                | 59   |
| 4   | For Series 33 and 44 through 68  | 5,845                | 59   |
| 290   | For Series III, no hardware  | 805                  |      |
| 390   | For Series 30 and 39 through 42, no hardware   | 805                  |      |
| 490   | For Series 33 and 44 through 68, no hardware   | 805                  |      |
| <u>Data Link Adapter Power/Locale Options</u> |  |                      |      |
| 12  | 110/120 volt, local operation  | 0                    | +5   |
| 14  | 110/120 volt, remote operation   | 200                  | 0    |
| 24  | 220/240 volt, local operation  | 0                    | +5   |
| 26  | 220/240 volt, remote operation   | 200                  | 0    |
| 32027A  | MTS Synchronous Modem Link for HP 3000 Requires 32025A MTS Service   | 0                    |      |
| <u>Processor Options (Select One)</u>         |  |                      |      |
| 200   | For Series III   | 5,445                | 43   |
| 300   | For Series 30 and 39 through 42  | 5,040                | 53   |
| 400   | For Series 33 and 44 through 68  | 5,040                | 53   |
| 290   | For Series III, no hardware  | 805                  |      |
| 390   | For Series 30 and 39 through 42, no hardware   | 805                  |      |
| 490   | For Series 33 and 44 through 68, no hardware   | 805                  |      |
| 32028A  | MTS IBM 3270 Device Link for HP 3000 Requires 32025A MTS Service Select one combination Processor/Cable Option   | 0                    |      |
| <u>Processor Options</u>                      |  |                      |      |

| Product Number | Description                                  | U.S. List Price (\$) | SMMC |
|----------------|--|----------------------|------|
| 2              | For Series III                               | 5,445                | 43   |
| 3              | For Series 30 and 39 through 42              | 5,040                | 53   |
| 4              | For Series 33 and 44 through 68              | 5,040                | 53   |
| 290            | For Series III, no hardware                  | 805                  |      |
| 390            | For Series 30 and 39 through 42, no hardware | 805                  |      |
| 490            | For Series 33 and 44 through 68, no hardware | 805                  |      |

**Cable Options**

|    |                                   |   |  |
|----|-----------------------------------|---|--|
| 10 | For Synchronous Modem connections | 0 |  |
| 30 | For Local Hardwired Connection    | 0 |  |

**MULTIPOINT TERMINAL COMMUNICATION PRODUCTS** -----

|        |  |      |    |
|--------|--|------|----|
| 3074A  | Data Link Adapter  | 715  | 11 |
| 015    | 220/240V operation   | 0    | 0  |
| 3074M  | Data Link Adapter (for asynchronous modem configurations)                          | 820  | 6  |
| 015    | 220/240V operation   | 0    | 0  |
| 13260C | Asynchronous Multipoint Communications Interface for 264x terminals (except 2647F) | 460  | 0  |
| 001    | Add monitor mode   | 53   | 0  |
| 002    | Delete firmware ROMs/keyboard overlay  | -105 | 0  |
| 13260D | Synchronous Multipoint Communications Interface for 264x terminals (except 2647F)  | 480  | 0  |
| 001    | Add monitor mode   | 54   | 0  |
| 002    | Delete firmware ROMs/keyboard overlay  | -105 | 0  |
| 13264A | Data Link Adapter for 2626A/2624B terminal and 2608S printer                       | 350  | 0  |
| 13267A | Asynchronous Multipoint interface for first 2626A/2624B terminal                   | 400  | 0  |
| 001    | Synchronous multipoint interface   | 0    | 0  |
| 13268A | Asynchronous Multipoint terminal interface for daisy chained 2626A/2624B terminals | 400  | 0  |
| 001    | Synchronous multipoint interface   | 0    | 0  |
| 92901A | Data Link Junction Boxes (5)   | 60   | 0  |

**STAT MUX/CLUSTER CONTROLLER** -----

|       |                                 |       |    |
|-------|---------------------------------|-------|----|
| 2334A | HP Multimux                     | 1,800 | 16 |
| 015   | 220V/50 Hz operation            | 0     | 0  |
| 100   | Initial configuration by HP AEO | 350   | 0  |
| 122   | 4 port direct connect interface | 750   | 0  |
| 123   | 4 port modem control interface  | 850   | 0  |
| X25   | X.25 manual for each HP2334A    | 15    | 0  |

| Product Number | Description | U.S. List Price (\$) | SMMC |
|----------------|-------------|----------------------|------|
|----------------|-------------|----------------------|------|

|        |   |       |    |
|--------|---|-------|----|
| 40250A | 4-Port Terminal Serial Interface for 2333A  | 820   | 0  |
| 40260A | Addition 4 port direct connect interface for installed HP2334A                            | 870   | 0  |
| 40261A | Additional 4 port modem control interface for installed HP2334A                           | 980   | 0  |
| 001    | Upgrade from installed 4 port direct connect to 4 port modem control                      | -620  | 0  |
| 40251A | Second Host System Adapter for 2333A  | 550   | 0  |
| 021    | Data Link Host  | 0     | 0  |
| 022    | RS-232-C Host   | 0     | 0  |
| 40253A | 8-Port Current Loop Interface for 2333A used with 3081A (Industrial Workstation Terminal) | 1,575 | 0  |
| 2334A  | X.25 Cluster Controller   | 2,350 | 16 |
| 015    | 230V/50 Hz operation  | 0     | 0  |
| 122    | 4-Port Serial Interface   | 600   | 0  |
| 2314A  | Power Unit for 2333A used w/3081A & 40253A  | 1,575 | 20 |
| 015    | 220V/50 Hz operation  | 0     | 0  |
| 016    | 115V/50 Hz operation  | 0     | 0  |
| 40220A | Modem cable to connect ONE 2334A port to async modem or computer port                     | 80    | 0  |
| 40223A | Conversion kit from 2333A to 2334A  | 225   | 0  |
| 001    | Power supply change. Check with CEO   | 0     | 0  |
| 020    | RS-232-C sync interface   | 550   | 0  |
| 122    | Convert 4 port of 2333A to 4 port direct connect of 2334A                                 | 75    | 0  |
| 123    | Convert 4 port of 2333A to 4 port modem control of 2334A                                  | 245   | 0  |
| 40224A | Upgrade kit from 2334A to 2334A MULTIMUX  | 150   | 0  |
| 122    | Upgrade 4 port of 2334A to 4 port direct connect of 2334A MULTIMUX                        | 75    | 0  |
| 123    | Upgrade 4 port of 2334A to 4 port modem control of 2334A MULTIMUX                         | 245   | 0  |

**MODEMS AND LINE DRIVERS** -----

|        |                                      |       |    |
|--------|--------------------------------------|-------|----|
| 13265A | 300 BPS Modem Pod for 262x terminals | 500   | 0  |
| 30037A | Asynchronous Repeater (AR)           | 1,190 | 7  |
| 015    | 230V operation                       | 0     | 0  |
| 39301A | Fiber Option Multiplexer**           | 2,500 | 18 |
| 001    | Recessed Rack Mount Hardware         | 30    | 0  |
| 210    | 100V/50 Hz Single Phase Operation    | 0     | 0  |
| 212    | 120V/60 Hz Single Phase Operation    | 0     | 0  |

| Product Number | Description                       | U.S. List Price (\$) | SMMC |
|----------------|-----------------------------------|----------------------|------|
| 222            | 220V/50 Hz Single Phase Operation | 0                    | 0    |
| 224            | 240V/50 Hz Single Phase Operation | 0                    | 0    |
| 301            | Documentation for ATC Connection  | 0                    | 0    |
| 302            | Documentation for ADCC Connection | 0                    | 0    |
| 303            | Documentation for ATP Connection  | 0                    | 0    |

\*\* Must specify one power supply option and one documentation opt.

**TERMINAL CABLES POINT-TO-POINT CONNECTIONS (262x & 23xx) -----**

|        |  |     |   |
|--------|--|-----|---|
| 13222M | European Modem Cable, 5 m (16 ft.)   | 80  | 0 |
| 92217B | European Modem Cable, 15 m (50 ft.)  | 110 | 0 |
| 13222N | U.S. Hardwired/Modem Cable, 5 m (16 ft.)   | 80  | 0 |
| 92217A | U.S. Hardwired/Modem Cable, 15 m (50 ft.)  | 110 | 0 |
| 13222P | HP Direct Connect Type 422 Cable, 5 m (16 ft.) (except 21B and 2382)                                 | 80  | 0 |
| 13222X | HP Direct Connect Type 232 Adapter Cable, 5 m (16 ft.)   | 80  | 0 |
| 13222Y | RS-232-C EMP Protect Cable, 5 m (16 ft.)   | 54  | 0 |
| 92217D | RS-232-C EMP Protect Cable, 15 m (50 ft.)  | 110 | 0 |
| 13242M | European Modem Cable for Port 2 of 2626A, 2624B, 2382A; 5 m (16 ft.)                                 | 100 | 0 |
| 92218B | European Modem Cable for Port 2 of 2626A, 2624B, 2382A; 15 m (50 ft.)                                | 122 | 0 |
| 13242N | U.S. Modem Cable for Port 2 of 2626A, 2624B, 2382A and for 2621B (U.S. and ICON only); 5 m (16 ft.)  | 100 | 0 |
| 92218A | U.S. Modem Cable for Port 2 of 2626A, 2624B, 2382A and for 2621B (U.S. and ICON only), 15 m (50 ft.) | 110 | 0 |
| 13242X | HP Direct Connect Type 232 Cable and for 2621B (U.S. and ICON only); 5 m (16 ft.)                    | 80  | 0 |
| 13242Y | EMP Protect Cable for Port 2 of 2626A, 2382A and for 2621B (U.S. and ICON only); 5 m (16 ft.)        | 75  | 0 |
| 92218C | EMP Protect Cable for Port 2 of 2626A, 2382A and for 2621B (U.S. and ICON only); 15 m (50 ft.)       | 140 | 0 |
| 40242C | RFI Filter Extender Cable for 2621B  | 70  | * |

| Product Number | Description  | U.S. List Price (\$) | SMMC |
|----------------|--|----------------------|------|
| 40242M         | RFI Filter Modem Cable for 2621B/2392A   | 70                   | *    |
| 40242Z         | RFI Filter Modem Bypass Cable for 2621B<br>* Contact your HP representative for price information. | 70                   | *    |

**TERMINAL CABLES POINT-TO-POINT CONNECTIONS (264x) -----**

|        |   |     |   |
|--------|---|-----|---|
| 13232A | Terminal Cable (except 2747F), 4.5 m (15 ft.)           | 54  | 0 |
| 92219A | Terminal Cable (except 2747F), 15 m (50 ft.)            | 110 | 0 |
| 13232I | HP Direct Connect Type 422 Cable, 5 m (16 ft.)          | 80  | 0 |
| 13232M | European Modem Cable, 4.5 m (15 ft.)                    | 90  | 0 |
| 13232N | U.S. Modem Hardwired Cable, 4.5 m (15 ft.)              | 90  | 0 |
| 92219B | U.S. Modem Hardwired Cable, 15 m (50 ft.)               | 125 | 0 |
| 13232U | Modem Bypass Cable, 1.5 m (5 ft.)                       | 54  | 0 |
| 13232X | HP Direct Connect Type 232 Cable, 5 m (16 ft.)          | 80  | 0 |
| 13232Y | EMP Protect Cable (male) (except 2647F), 4.5 m (15 ft.) | 75  | 0 |
| 92219E | EMP Protect Cable (male) (except 2647F), 15 m (50 ft.)  | 120 | 0 |
| 13232Z | EMP Protect Cable (female) (except 2647F)               | 75  | 0 |

**TERMINAL EXTENDER CABLES POINT-TO-POINT CONNECTIONS -----**

|        |   |     |   |
|--------|---|-----|---|
| 30062B | Data Set Cable, 7.6 m (25 ft.)                    | 70  | 0 |
| 001    | Replace 7.6 m (25 ft.) with 15.2 m (50 ft.) cable | 35  | 0 |
| 30062C | Hardwired or Modem Extender Cable, 7.6 m (25 ft.) | 115 | 0 |
| 001    | Replace 7.6 m (25 ft.) with 15.2 m (50 ft.)       | 45  | 0 |
| 002    | Replace 7.6 m (25 ft.) with 30.5 m (100 ft.)      | 105 | 0 |
| 30062D | Hardwire Extender Cable, 7.6 m (25 ft.)           | 70  | 0 |
| 92215A | Hardwire Extender Cable, 15 m (50 ft.)            | 94  | 0 |
| 30062E | Cable Adapter                                     | 50  | 0 |
| 30153A | HP-Direct Connect 232 Ext. Cable, 15 m (50 ft.)   | 205 | 0 |
| 30154A | HP-Direct Connect 422 Ext. Cable, 30 m (99 ft.)   | 205 | 0 |

**ADVANCED TERMINAL PROCESSOR ADAPTER CABLES -----**

|        |  |     |   |
|--------|--|-----|---|
| 30152A | Adapter Cable, 3 pin to 25 pin, 5 m (16 ft.) | 180 | 0 |
|--------|--|-----|---|

| Product Number   | Description                                   | U.S. List Price (\$) | SMMC |
|--|---|----------------------|------|
| <b>ADVANCED TERMINAL PROCESSOR CUSTOM CABLES</b> ----- |   |                      |      |
| 92179C   | Shielded, 3-wire cable (max. 400 m)           | 1.20/meter           | 0    |
| 92179D   | Shielded, 5-wire cable (max. 400 m)           | 1.50/meter           | 0    |
| 92224A   | RS-232C connector kit, 4 ea. male             | 52                   | 0    |
| 92224B   | RS-232C connector kit, 4 ea. female           | 52                   | 0    |
| 92225A   | RS-422 connector kit, 4 ea. male              | 56                   | 0    |
| 92225B   | RS-422 connector kit, 4 ea. female            | 56                   | 0    |
| 92229A   | Crimp Tool for ATP connector kits             | 410                  | 0    |
| <b>MULTIPOINT TERMINAL CABLES</b> -----                |   |                      |      |
| 92902A   | Data Link Cable (Shielded twisted pair cable) | 0                    | 0    |
| 001  | 100 m cable (330 ft.)                         | 335                  | 0    |
| 002  | 300 m cable (990 ft.)                         | 945                  | 0    |
| 92905A   | Device to Data Link Cable, 2 m (6.5 ft.)      | 121                  | 0    |
| 92906A   | Multipoint cable with no connectors           |                      |      |
| 001  | 100 m cable (330 ft.)                         | 410                  | 0    |
| 002  | 300 m cable (990 ft.)                         | 1,165                | 0    |
| 92908A   | Data link tester                              | 210                  | 0    |
| 92909A   | Data link test cable, 4 m (12 ft.)            | 135                  | 0    |
| 13232P   | Modem Multipoint Cable, 4.5 m (15 ft.)        | 120                  | 0    |
| 13232Q   | Multipoint Cable, 9 m (30 ft.)                | 125                  | 0    |
| 13232R   | Multipoint Extension Cable, 30 m (100 ft.)    | 125                  | 0    |
| 13232T   | Power Protect Multipoint Cable, 9 m (30 ft.)  | 200                  | 0    |
| 92220A   | Multipoint Extension Cable, 77 m (250 ft.)    | 290                  | 0    |
| 92220B   | Multipoint Extension Cable, 154 m (500 ft.)   | 515                  | 0    |
| 92220C   | Multipoint Extension Cable, 308 m (1000 ft.)  | 910                  | 0    |
| <b>FIBER OPTIC MULTIPLEXER CABLES</b> -----            |   |                      |      |
| 39200B   | Fiber Optic Cable                             | 4.50/meter           | 0    |
| 001  | Factory installed connector set               | 180                  | 0    |
| 8120-3569  | Dual Channel Adapter Cable                    | 102                  | 0    |

| Product Number                              | Description   | U.S. List Price (\$) | SMMC |
|---|---|----------------------|------|
| <b>HP-IB CABLES</b> -----                   |   |                      |      |
| 10833A                                      | HP-IB cable 1 m (3.3 ft)  | 80                   | 0    |
| 10833B                                      | HP-IB cable 2 m (6.5 ft)  | 90                   | 0    |
| 10833C                                      | HP-IB cable 4 m (13.2 ft)   | 101                  | 0    |
| <b>INP CABLES</b> -----                     |   |                      |      |
| (Note: Datacomm Links include an INP cable) |   |                      |      |
| 30221A                                      | Synchronous Modem Cable for Series 3x,4x, or 6x; 10 m (33 ft.)                          | 375                  | 0    |
| 30221B                                      | Asynchronous Multipoint Cable for Series 3x,4x, or 6x; 10 m (33 ft.)                    | 375                  | 0    |
| 30221D                                      | High Speed Synchronous Modem Cable for Series 3x,4x, or 6x; 10 m (33 ft.)               | 270                  | 0    |
| 30221F                                      | HP 3000 to HP 1000 Direct Connect Cable for Series 3x,4x, or 6x; requires 91712A cable. | 375                  | 0    |
| 30221G                                      | Auto Call Cable for Series 3x,4x, or 64x; 10 m (33 ft.)                                 | 455                  | 0    |
| 30221H                                      | INP X.21 Cable, 10 m (33 ft.)   | 375                  | 0    |
| 30222A                                      | Synchronous Modem Cable for Series III, 10 m (33 ft.)                                   | 270                  | 0    |
| 30222B                                      | Asynchronous Multipoint Cable for Series III, 10 m (33 ft.)                             | 270                  | 0    |
| 30222D                                      | High Speed Synchronous Modem Cable for S/III, 10 m (33 ft.)                             | 270                  | 0    |
| 30222F                                      | HP 3000 to HP 1000 Direct Connect Cable for Series III, 10 m (33 ft.)                   | 375                  | 0    |
| 30222H                                      | X.21 Cable for Series III, 10 m (33 ft.)  | 375                  | 0    |
| 30224A                                      | INP-to-INP Direct-Connect Cable for S/III. 10 m (33 ft.); requires 30224L cable         | 270                  | 0    |
| 30224B                                      | INP-to-INP Direct-Connect Cable for Series 3X, 4X, and 6x; requires 30224L cable.       | 270                  | 0    |
| 30224L                                      | External Interconnect Cable, 10 m (33 ft.)  | 165                  | 0    |
| 001   | 25 m cable (82.5 ft.)   | 55                   | 0    |
| 002   | 50 m cable (165 ft.)  | 130                  | 0    |
| 003   | 100 m cable (330 ft.)   | 270                  | 0    |
| 004   | 250 m cable (825 ft.)   | 715                  | 0    |

| Product Number                                  | Description   | U.S. List Price (\$) | SMMC |
|---|---|----------------------|------|
| 005   | 500 m cable (1650 ft.)  | 1,430                | 0    |
| 006   | 1,000 m cable (3300 ft.)  | 2,915                | 0    |
| 30225A  | INP-to-SSLC Direct-Connect Cable for Series III, 5 m (16.4 ft.)   | 270                  | 0    |
| 30225B  | INP-to-SSLC Direct-Connect Cable for Series 3x, 4x, and 6x; 5 m (16.4 ft.)  | 335                  | 0    |
| <b>COBOL II EXTENDED INSTRUCTION SETS</b> ----- |   |                      |      |
| 32234A  | COBOL II Extended Instruction Set for Series III  | 700                  | 0    |
| 32236A  | COBOL II Extended Instruction Set for Series 30, 33 only  | 700                  | 0    |
| <b>LANGUAGES</b> -----                          |   |                      |      |
| 32233A  | COBOL II/3000 Compiler. Alternatively order COBOL Productivity Package (32351A); see next section.  | 5,000                |      |
| 300   | BASIC/RPG/300 Return Credit   | -1,575               |      |
| 301   | SL/300 Return Credit  | -2,100               |      |
| 32233R  | "Right-to-Copy" 32233A with sublicense  | 2,500                |      |
| 300   | BASIC/RPG/300 Return Credit   | -630                 |      |
| 301   | SL/300 Return Credit  | -840                 |      |
| 32233M  | "Right-to-Copy" 32233A without sublicense   | 2,500                |      |
| 32213R  | "Right-to-Copy" COBOL/3000 compiler with sublicense. (Note: "A" product has been discontinued since May 1982. "M" and "R" products will be supported until May, 1987.)    | 875                  |      |
| 32213M  | "Right-to-Copy" COBOL/3000 Compiler without sublicense. (Note: "A" product has been discontinued since May 1982. "M" and "R" products will be supported until May, 1987.) | 875                  |      |
| 32104A  | RPG/3000 Compiler   | 3,000                |      |
| 300   | BASIC/RPG/300 Return Credit   | -1,575               |      |
| 301   | SL/300 Return Credit  | -2,100               |      |
| 32104R  | "Right-to-Copy" 32104A with sublicense  | 1,500                |      |
| 300   | BASIC/RPG/300 Return Credit   | -630                 |      |
| 301   | SL/300 Return Credit  | -840                 |      |
| 32104M  | "Right-to-Copy" 32104A without sublicense   | 1,500                |      |
| 32102B  | FORTRAN/3000 Compiler   | 2,050                |      |
| 300   | BASIC/RPG/300 Return Credit   | -1,575               |      |
| 301   | SL/300 Return Credit  | -2,050               |      |

| Product Number                             | Description   | U.S. List Price (\$) |
|--|---|----------------------|
| 32102R                                     | "Right-to-Copy" 32102B with sublicense  | 1,025                |
| 300  | BASIC/RPG/300 Return Credit   | -630                 |
| 301  | SL/300 Return Credit  | -840                 |
| 32102M                                     | "Right-to-Copy" 32102B without sublicense   | 1,025                |
| 32111A                                     | BASIC/3000 Interpreter and Compiler   | 2,050                |
| 300  | BASIC/RPG/300 Return Credit   | -1,575               |
| 301  | SL/300 Return Credit  | -2,050               |
| 32111R                                     | "Right-to-Copy" 32111A with sublicense  | 1,025                |
| 300  | BASIC/RPG/300 Return Credit   | -840                 |
| 301  | SL/300 Return Credit  | -630                 |
| 32111M                                     | "Right-to-Copy" 32111A without sublicense   | 1,025                |
| 32105R                                     | "Right-to-Copy" APL/3000 compiler with sublicense. (Note: "A" product was discontinued Nov. 1, 1982; support for "M" and "R" copies ends Nov. 30, 1987.)    | 3,375                |
| 32105M                                     | "Right-to-Copy" APL/3000 compiler without sublicense. (Note: "A" product was discontinued Nov. 1, 1982; support for "M" and "R" copies ends Nov. 30, 1987.) | 3,375                |
| 32106A                                     | Pascal/3000 Compiler. Alternatively order Pascal Productivity Package (32352A); see next section.   | 5,000                |
| 300  | BASIC/RPG/300 Return Credit   | -1,575               |
| 301  | SL/300 Return Credit  | -2,100               |
| 32106R                                     | "Right-to-Copy" 32106A with sublicense  | 2,500                |
| 300  | BASIC/RPG/300 Return Credit   | -630                 |
| 301  | SL/300 Return Credit  | -840                 |
| 32106M                                     | "Right-to-Copy" 32106A without sublicense   | 2,500                |
| 32100A                                     | SPL/3000 Compiler   | 2,725                |
| 300  | BASIC/RPG/300 Return Credit   | -1,575               |
| 301  | SL/300 Return Credit  | -2,100               |
| 32100R                                     | "Right-to-Copy" 32100A with sublicense  | 1,375                |
| 300  | BASIC/RPG/300 Return Credit   | -630                 |
| 301  | SL/300 Return Credit  | -840                 |
| 32100M                                     | "Right-to-Copy" 32100A without sublicense   | 1,375                |
| <b>PROGRAMMER PRODUCTIVITY TOOLS</b> ----- |   |                      |
| 27205A                                     | SOM Speech Library/3000   | 100                  |
| 32248A                                     | Programmer Productivity Package (Rapid) (Report/3000, Transact/3000, Dictionary/3000)   | 13,000               |



| Product Number | Description   | U.S. List Price (\$) |
|----------------|---|----------------------|
| 32248R         | "Right-to-Copy" 32248A with sublicense  | 6,500                |
| 32248M         | "Right-to-Copy" 32248A without sublicense   | 6,500                |
| 32258A         | HP Report Writer Package<br>(Report/3000, Inform/3000, Dictionary/3000)   | 13,000               |
| 32258R         | "Right-to-Copy" 32258A with sublicense  | 6,500                |
| 32258M         | "Right-to-Copy" 32258A without sublicense   | 6,500                |
| 32351A         | COBOL Productivity Package<br>(HPToolset, Dictionary/3000, COBOLII)   | 13,000               |
| 32351R         | "Right-to-Copy" 32351A with sublicense.   | 6,500                |
| 32351M         | "Right-to-Copy" 32351A without sublicense.  | 6,500                |
| 32352A         | Pascal Productivity Package<br>(HPToolset, Dictionary/3000, Pascal/3000)  | 13,000               |
| 32352R         | "Right-to-Copy" 32352A with sublicense.   | 6,500                |
| 32352M         | "Right-to-Copy" 32352A without sublicense.  | 6,500                |
| 32353A         | Transact Productivity Package<br>(Transact/3000, Dictionary/3000, Self-Paced<br>Training courses - "A" copy only) | 10,000               |
| 022            | 7908/11/12 Compatible Cartridge Tape for the<br>Self-Paced courses only.  | N/C                  |
| 32353R         | "Right-to-Copy" 32353A with sublicense.   | 6,500                |
| 32353M         | "Right-to-Copy" 32353A without sublicense.  | 6,500                |
| 32355A         | HP Report Combination<br>(Inform/3000, Report/3000)   | 9,000                |
| 32355R         | "Right-to-Copy" 32355A with sublicense.   | 4,500                |
| 32355M         | "Right-to-Copy" 32355A without sublicense.  | 4,500                |
| 32244A         | Dictionary/3000 Data Dictionary   | 5,000                |
| 32244R         | "Right-to-Copy" 32244A with sublicense  | 2,500                |
| 32244M         | "Right-to-Copy" 32244A without sublicense   | 2,500                |
| 32245A         | Report/3000 General Purpose Report Writer   | 5,000                |
| 32245R         | "Right-to-Copy" 32245A with sublicense  | 2,500                |
| 32245M         | "Right-to-Copy" 32245A without sublicense   | 2,500                |
| 32246A         | HP Inform/3000 End-User Report Generator.<br>Requires Dictionary/3000 (32244A)                                    | 6,000                |
| 32246R         | "Right-to-Copy" 32246A with sublicense.<br>Requires Dictionary/3000 (32244R)                                      | 3,000                |
| 32246M         | "Right-to-Copy" 32246A without sublicense.<br>Requires Dictionary/3000 (32244M)                                   | 3,000                |
| 32247A         | Transact/3000 Transaction Processing<br>Language and Processor  | 6,000                |
| 32247R         | "Right-to-Copy" 32247A with sublicense  | 3,000                |
| 32247M         | "Right-to-Copy" 32247A without sublicense   | 3,000                |
| 32249A         | RAPID/3000 Processor, Execute only for<br>Transact/3000 and Report/3000 programs                                  | 500                  |

| Product Number                       | Description  | U.S. List Price (\$) |
|--------------------------------------|--|----------------------|
| 32350A                               | HPToolset Program Development System.<br>Needs COBOL II (32233A) or Pascal (32106A)      | 5,000                |
| 32350R                               | "Right-to-Copy" 32350A with sublicense.<br>Needs COBOL II (32233R) or Pascal (32106R)    | 2,500                |
| 32350M                               | "Right-to-Copy" 32350A without sublicense.<br>Needs COBOL II (32233M) or Pascal (32106M) | 2,500                |
| <b>OFFICE SYSTEMS SOFTWARE</b> ..... |  |                      |
| 32108A                               | HPDraw Text & Figure Presentation Graphics   | 4,000                |
| 32108R                               | "Right-to-Copy" 32108A with sublicense   | 2,800                |
| 32180M                               | "Right-to-Copy" 32108A without sublicense  | 2,800                |
| 32109A                               | HP EasyChart Chartmaker Graphics Software  | 3,000                |
| 32109R                               | "Right-to-Copy" 32109A with sublicense   | 2,100                |
| 32109M                               | "Right-to-Copy" 32109A without sublicense  | 2,100                |
| 32110A                               | HP 3000 Business Graphics Package  | 10,750               |
| 32110R                               | "Right-to-Copy" 32110A with sublicense   | 7,500                |
| 32110M                               | "Right-to-Copy" 32110A without sublicense  | 7,500                |
| 32112A                               | HPMENU Interactive Office Menu Facility  | 1,000                |
| 32112R                               | "Right-to-Copy" 32112A with sublicense   | 700                  |
| 32112M                               | "Right-to-Copy" 32112A without sublicense  | 700                  |
| 32114R                               | "Right-to-Copy" 32114A with sublicense   | 28,700               |
| 32119A                               | HPWORD Intrinsics  | 600                  |
| 32119R                               | "Right-to-Copy" 32119A with sublicense   | 420                  |
| 32119M                               | "Right-to-Copy" 32119A without sublicense  | 420                  |
| 32120A                               | HPWORD Word Processing   | 7,000                |
| 32120R                               | "Right-to-Copy" 32120A with sublicense   | 4,900                |
| 32120M                               | "Right-to-Copy" 32120A without sublicense  | 4,900                |
| 32120DA                              | HPWORD Word Processing GERMAN  | 7,000                |
| 32120DR                              | "Right-to-Copy" 32120DA with sublicense  | 4,900                |
| 32120DM                              | "Right-to-Copy" 32120DA without sublicense   | 4,900                |
| 32120FA                              | HPWORD Word Processing FRENCH  | 7,000                |
| 32120FM                              | "Right-to-Copy" 32120FA with sublicense  | 4,900                |
| 32120FR                              | "Right-to-Copy" 32120FA without sublicense   | 4,900                |
| 32132A                               | HPListKeeper Personal Information Management   | 2,000                |
| 32132R                               | "Right-to-Copy" 32132A with sublicense   | 1,400                |
| 32132M                               | "Right-to-Copy" 32132A without sublicense  | 1,400                |
| 32133A                               | VISICALC/3000  | 2,500                |
| 32133R                               | "Right-to-copy" 32133A with sublicense   | 1,750                |
| 32133M                               | "Right-to-copy" 32133A without sublicense  | 1,750                |
| 32250A                               | HP DSG/3000 Decision Support Graphics  | 6,300                |
| 32250R                               | "Right-to-Copy" 32250A with sublicense   | 4,400                |
| 32250M                               | "Right-to-Copy" 32250A without sublicense  | 4,400                |

| Product Number | Description                                 | U.S. List Price (\$) |
|----------------|---|----------------------|
| 36561A         | HPSPELL American Dictionary                 | 4,000                |
| 36561R         | "Right-to-Copy" 36561A with sublicense      | 2,800                |
| 36561M         | "Right-to-Copy" 36561A without sublicense   | 2,800                |
| 36561UA        | HPSPELL British Dictionary                  | 4,000                |
| 36561UR        | "Right-to-Copy" 36561UA with sublicense     | 2,800                |
| 36561UM        | "Right-to-Copy" 36561UA without sublicense  | 2,800                |
| 36562A         | HPSPELL American and English Dictionary     | 5,000                |
| 36562R         | "Right-to-Copy" 36562A with sublicense      | 3,500                |
| 36562M         | "Right-to-Copy" 36562A without sublicense   | 3,500                |
| 36563A         | HPSPELL Add-on American Dictionary          | 1,150                |
| 36563R         | "Right-to-Copy" 36563A with sublicense      | 800                  |
| 36563M         | "Right-to-Copy" 36563A without sublicense   | 800                  |
| 36563UA        | HPSPELL Add-on British Dictionary           | 1,150                |
| 36563UR        | "Right-to-Copy" 36563UA with sublicense     | 805                  |
| 36563UM        | "Right-to-Copy" 36563UA without sublicense  | 805                  |
| 36570A         | HPDESKMANAGER Electronic Mail System        | 12,000               |
| 36570R         | "Right-to-Copy" 36570A with sublicense      | 8,400                |
| 36570M         | "Right-to-Copy" 36570A without sublicense   | 8,400                |
| 36570DA        | HPDESKMANAGER Electronic Mail System GERMAN | 12,000               |
| 36570DR        | "Right-to-Copy" 36570DA with sublicense     | 8,400                |
| 36570DM        | "Right-to-Copy" 36570DA without sublicense  | 8,400                |
| 36570ZM        | HPDESKMANAGER Italian "Right-to-Copy"       | 8,400                |
| 36572A         | HPTELEX                                     | 5,000                |
| 36572R         | "Right-to-Copy" 36572A with sublicense      | 3,500                |
| 36572M         | "Right-to-Copy" 36572A without sublicense   | 3,500                |
| 36573          | Series 100/DESKLINK                         |                      |
| 630            | 3.5" Micro-disc                             | 300                  |
| 650            | 5.25" Mini-disc                             | 300                  |
| 680            | 8" Flexible-disc                            | 325                  |
| 36576A         | HPSLATE Screen Based Word Processing        | 4,000                |
| 36576R         | "Right-to-Copy" 36576A with sublicense      | 2,800                |
| 36576M         | "Right-to-Copy" 36576A without sublicense   | 2,800                |
| 36576DA        | HPSLATE Screen Based Word Processing GERMAN | 4,000                |
| 36576DR        | "Right-to-Copy" 36576DA with sublicense     | 2,800                |
| 36576DM        | "Right-to-Copy" 36576DA without sublicense  | 2,800                |
| 36578A         | TDP/3000 Text & Document Processor          | 8,000                |
| 36578R         | "Right-to-Copy" 36578A with sublicense      | 5,600                |
| 36578M         | "Right-to-Copy" 36578A without sublicense   | 5,600                |
| 36580A         | IFS/3000 Interactive Formatting System      | 2,500                |
| 36580R         | "Right-to-Copy" 36580A with sublicense      | 1,750                |
| 36580M         | "Right-to-Copy" 36580A without sublicense   | 1,750                |

| Product Number   | Description  | U.S. List Price (\$) |
|--|--|----------------------|
| 36581A   | IDS/3000 Interactive Design System   | 4,000                |
| 36581R   | "Right-to-Copy" 36581A with sublicense   | 2,800                |
| 36581M   | "Right-to-Copy" 36581A without sublicense  | 2,800                |
| 36583A   | Laser Printer Graphics Package   | 6,000                |
| 36583R   | "Right-to-Copy" 36583A with sublicense   | 4,200                |
| 36583M   | "Right-to-Copy" 36583A without sublicense  | 4,200                |
| 36584A   | HP Laser Printer Support Package   | 10,000               |
| 36584R   | "Right-to-Copy" 36584A with sublicense   | 7,000                |
| 36584M   | "Right-to-Copy" 36584A without sublicense  | 7,000                |
| 27510A   | Personal Productivity Center Base Pack<br>(HPDeskManager, HPDeskManager Assist-PIA)  | 14,200               |
| 27510R   | "Right-to-Copy" 27510A (minus Assist) with sublicense  | 8,400                |
| 27510M   | "Right-to-Copy" 27510A (minus Assist) without sublicense   | 8,400                |
| 27511A   | Personal Productivity Center Secretarial<br>Word Processing Pack, (HPWord, HPSpell,<br>HPListkeeper, HPWord Assist-PIA)  | 12,800               |
| 27511R   | "Right-to-Copy" 27511A (minus Assist) with sublicense  | 7,000                |
| 27511M   | "Right-to-Copy" 27511A (minus Assist) without sublicense   | 7,000                |
| 27513A   | Personal Productivity Center Advanced Office<br>Pack (HPDeskManager, Secretarial Word<br>Processing Pack, HPDraw, HPEasychart,<br>Visicalc/3000, HPWord Assist-PIA,<br>HPDeskManager Assist-PIA) | 32,500               |
| 27513R   | "Right-to-Copy" 27513A (minus Assist) with sublicense  | 19,690               |
| 27513M   | "Right-to-Copy" 27513A (minus Assist) without sublicense   | 19,690               |
| 45407A   | Personal Productivity Center Touchscreen<br>Pack (HPMessage, AdvanceLink, Series/100<br>Visicalc, Series/100 Graphics)   | 840                  |
| 36569E   | Personal Productivity Center Pack for the<br>IBM PC (HPMessage/for the IBM PC)   | 300                  |
| <b>MANUFACTURING SYSTEMS APPLICATIONS SOFTWARE -----</b> |  |                      |
| 32904A   | Materials Management/3000 Model 10   | 12,000               |
| 32904R   | "Right-to-Copy" 32904A with sublicense   | 8,400                |
| 32904M   | "Right-to-Copy" 32904A without sublicense  | 8,400                |
| 32903A   | Materials Management/3000 Model 20   | 21,000               |
| 32903R   | "Right-to-Copy" 32903A with sublicense   | 14,700               |
| 32903M   | "Right-to-Copy" 32903A without sublicense  | 14,700               |

| Product Number                              | Description   | U.S. List Price (\$) |
|---|---|----------------------|
| 32916A                                      | Materials Management/3000 Model 30                                    | 36,000               |
| 32916R                                      | "Right-to-Copy" 32916A with sublicense                                | 25,200               |
| 32916M                                      | "Right-to-Copy" 32916A without sublicense                             | 25,200               |
| 32260A**                                    | Materials Management/3000 Model 25                                    | 31,500               |
| 32260R                                      | "Right-to-Copy" 32260A with sublicense                                | 22,050               |
| 32260M                                      | "Right-to-Copy" 32260A without sublicense                             | 22,050               |
| ** English language versions not available. |   |                      |
| 32910A                                      | Materials Mgmt./3000 Model 10/20 Upgrade                              | 13,000               |
| 32910R                                      | "Right-to-Copy" 32910A with sublicense                                | 9,100                |
| 32910M                                      | "Right-to-Copy" 32910A without sublicense                             | 9,100                |
| 32905A                                      | Material Requirements Planning/3000                                   | 9,000                |
| 32905R                                      | "Right-to-Copy" 32905A with sublicense                                | 6,300                |
| 32905M                                      | "Right-to-Copy" 32905A without sublicense                             | 6,300                |
| 32906A                                      | Master Production Scheduling/3000                                     | 7,000                |
| 32906R                                      | "Right-to-Copy" 32906A with sublicense                                | 4,900                |
| 32906M                                      | "Right-to-Copy" 32906A without sublicense                             | 4,900                |
| 32907A                                      | Standard Product Costing/3000   | 4,000                |
| 32907R                                      | "Right-to-Copy" 32907A with sublicense                                | 2,800                |
| 32907M                                      | "Right-to-Copy" 32907A without sublicense                             | 2,800                |
| 32908A*                                     | Factory Order Entry/3000  | 5,000                |
| 32908R*                                     | "Right-to-Copy" 32908A with sublicense                                | 3,500                |
| 32908M*                                     | "Right-to-Copy" 32908A without sublicense                             | 3,500                |
| 32917A*                                     | Factory Order Entry/3000 for existing cust.                           | 4,500                |
| 32917R*                                     | "Right-to-Copy" 32917A with sublicense                                | 3,150                |
| 32917M*                                     | "Right-to-Copy" 32917A without sublicense                             | 3,150                |
| 32909A*                                     | Lot Control and Traceability/3000                                     | 20,000               |
| 32909R*                                     | "Right-to-Copy" 32909A with sublicense                                | 14,000               |
| 32909M*                                     | "Right-to-Copy" 32909A without sublicense                             | 14,000               |
| 32275A                                      | HP Maintenance Management Workorder Control Control and Parts Catalog | 47,500               |
| 32275M                                      | "Right-to-Copy" 32275A  | 33,250               |
| 32276A                                      | HP Maintenance Management   | 60,000               |
| 32276M                                      | "Right-to-Copy"   | 42,000               |
| * Only English language versions available. |   |                      |
| 32912A                                      | Production Management/3000 Model 10                                   | 14,500               |
| 32912R                                      | "Right-to-Copy" 32912A with sublicense                                | 10,150               |
| 32912M                                      | "Right-to-Copy" 32912A without sublicense                             | 10,150               |

| Product Number  | Description   | U.S. List Price (\$) |
|---|---|----------------------|
| 32911A  | Production Management/3000 Model 20                                       | 25,000               |
| 32911R  | "Right-to-Copy" 32911A with sublicense                                    | 17,500               |
| 32911M  | "Right-to-Copy" 32911A without sublicense                                 | 17,500               |
| 32270A  | Production Management/3000 Model 30                                       | 31,500               |
| 32270R  | "Right-to-Copy" 32270A with sublicense                                    | 22,050               |
| 32270M  | "Right-to-Copy" 32270A without sublicense                                 | 22,050               |
| 32914A  | Production Mgmt./3000 Model 10/20 Upgrade                                 | 15,000               |
| 32914R  | "Right-to-Copy" 32914A with sublicense                                    | 10,500               |
| 32914M  | "Right-to-Copy" 32914A without sublicense                                 | 10,500               |
| 32913A  | Capacity Requirements Planning/3000                                       | 15,000               |
| 32913R  | "Right-to-Copy" 32913A with sublicense                                    | 10,500               |
| 32913M  | "Right-to-Copy" 32913A without sublicense                                 | 10,500               |
| NOTE: Materials Management/3000 is available in German, Spanish, French, Dutch, Katakana, Norwegian, Swedish, Finnish, Italian as well as American, British, and Australian language versions except where noted otherwise. Production Management/3000 is available in German, French, Katakana, Finnish, Italian as well as American, British, and Australian language versions. |   |                      |
| 32620A  | HP Just-In-Time   | 60,000               |
| 32620M  | "Right-to-Copy" 32620A without sublicense                                 | 42,000               |
| 32621A  | HP-JIT Touch (For Touchscreen Max)  | 1,000                |
| <b>FINANCIAL SYSTEMS APPLICATIONS SOFTWARE</b> -----  |   |                      |
| 32285A  | General Ledger/3000   | 7,000                |
| 32285R  | "Right-to-Copy" 32285A with sublicense                                    | 4,900                |
| 32285M  | "Right-to-Copy" 32285A without sublicense                                 | 4,900                |
| 32286A  | Accounts Payable/3000   | 7,000                |
| 32286R  | "Right-to-Copy" 32286A with sublicense                                    | 4,900                |
| 32286M  | "Right-to-Copy" 32286A without sublicense                                 | 4,900                |
| 32287A  | Accounts Receivable/3000  | 7,000                |
| 32287R  | "Right-to-Copy" 32287A with sublicense                                    | 4,900                |
| 32287M  | "Right-to-Copy" 32287A without sublicense                                 | 4,900                |
| 32292A  | General Ledger/3000 Source Code*  | 3,000                |
| 32293A  | Accounts Payable/3000 Source Code*  | 3,000                |
| 32294A  | Accounts Receivable/3000 Source Code*                                     | 3,000                |
| * Requires concurrent purchase of object code   |   |                      |
| 32296A  | HPPAY. Includes one year of tax updates                                   | 16,000               |
| 32296R  | "Right-to-Copy" 32296A with sublicense. Includes one year of tax updates. | 11,200               |

| Product Number | Description  | U.S. List Price (\$) |
|----------------|--|----------------------|
| 32296M         | "Right-to-Copy" 32296A without sublicense. Includes one year of tax updates. | 11,200               |
| 32305A         | HP General Ledger  | 8,000                |
| 32305R         | "Right-to-Copy" 32305A with sublicense                                       | 5,600                |
| 32305M         | "Right-to-Copy" 32305A without sublicense                                    | 5,600                |
| 32305DA        | German HP General Ledger   | 8,000                |
| 32305DR        | "Right-to-Copy" 32305DA with sublicense                                      | 5,600                |
| 32305DM        | "Right-to-Copy" 32305DA without sublicense                                   | 5,600                |
| 32305LA        | Australian HP General Ledger   | 8,000                |
| 32305LR        | "Right-to-Copy" 32305LA with sublicense                                      | 5,600                |
| 32305LM        | "Right-to-Copy" 32305LA without sublicense                                   | 5,600                |
| 32305UA        | United Kingdom HP General Ledger   | 8,000                |
| 32305UR        | "Right-to-Copy" 32305UA with sublicense                                      | 5,600                |
| 32305UM        | "Right-to-Copy" 32305UA without sublicense                                   | 5,600                |
| 32305FA        | French General Ledger  | 8,000                |
| 32305FR        | "Right-to-Copy" 32305FA with sublicense                                      | 5,600                |
| 32305FM        | "Right-to-Copy" 32305FA without sublicense                                   | 5,600                |
| 32305ZA        | Italian General Ledger   | 8,000                |
| 32305ZR        | "Right-to-Copy" 32305ZA with sublicense                                      | 5,600                |
| 32305ZM        | "Right-to-Copy" 32305ZA without sublicense                                   | 5,600                |
| 32306A         | HP Dual Ledger   | 5,000                |
| 32306R         | "Right-to-Copy" 32306A with sublicense                                       | 3,500                |
| 32306M         | "Right-to-Copy" 32306A without sublicense                                    | 3,500                |
| 32306DA        | German HP Dual Ledger  | 5,000                |
| 32306DR        | "Right-to-Copy" 32306DA with sublicense                                      | 3,500                |
| 32306DM        | "Right-to-Copy" 32306DA without sublicense                                   | 3,500                |
| 32306LA        | Australian HP Dual Ledger  | 5,000                |
| 32306LR        | "Right-to-Copy" 32306LA with sublicense                                      | 3,500                |
| 32306LM        | "Right-to-Copy" 32306LA without sublicense                                   | 3,500                |
| 32306UA        | United Kingdom HP Dual Ledger  | 5,000                |
| 32306UR        | "Right-to-Copy" 32306UA with sublicense                                      | 3,500                |
| 32306UM        | "Right-to-Copy" 32306UA without sublicense                                   | 3,500                |
| 32306FA        | French HP Dual Ledger  | 5,000                |
| 32306FR        | "Right-to-Copy" 32306FA with sublicense                                      | 3,500                |
| 32306FM        | "Right-to-Copy" 32306FA without sublicense                                   | 3,500                |
| 32306ZA        | Italian HP Dual Ledger   | 5,000                |
| 32306ZR        | "Right-to-Copy" 32306ZA with sublicense                                      | 3,500                |
| 32306ZM        | "Right-to-Copy" 32306ZA without sublicense                                   | 3,500                |
| 32307A         | HP Allocator   | 5,000                |
| 32307R         | "Right-to-Copy" 32307A with sublicense                                       | 3,500                |
| 32307M         | "Right-to-Copy" 32307A without sublicense                                    | 3,500                |



| Product Number | Description                                | U.S. List Price (\$) |
|----------------|--|----------------------|
| 32307DA        | German HP Allocator                        | 5,000                |
| 32307DR        | "Right-to-Copy" 32307DA with sublicense    | 3,500                |
| 32307DM        | "Right-to-Copy" 32307DA without sublicense | 3,500                |
| 32307LA        | Australian HP Allocator                    | 5,000                |
| 32307LR        | "Right-to-Copy" 32307LA with sublicense    | 3,500                |
| 32307LM        | "Right-to-Copy" 32307LA without sublicense | 3,500                |
| 32307UA        | United Kingdom HP Allocator                | 5,000                |
| 32307UR        | "Right-to-Copy" 32307UA with sublicense    | 3,500                |
| 32307UM        | "Right-to-Copy" 32307UA without sublicense | 3,500                |
| 32307ZA        | Italian HP Allocator                       | 5,000                |
| 32307ZR        | "Right-to-Copy" 32307ZA with sublicense    | 3,500                |
| 32307ZM        | "Right-to-Copy" 32307ZA without sublicense | 3,500                |
| 32307FA        | French HP Allocator                        | 5,000                |
| 32307FR        | "Right-to-Copy" 32307FA with sublicense    | 3,500                |
| 32307FM        | "Right-to-Copy" 32307FA without sublicense | 3,500                |
| 32308A         | HP Accounts Payable                        | 8,000                |
| 32308R         | "Right-to-Copy" 32308A with sublicense     | 5,600                |
| 32308M         | "Right-to-Copy" 32308A without sublicense  | 5,600                |
| 32308DA        | German HP Accounts Payable                 | 8,000                |
| 32308DR        | "Right-to-Copy" 32308DA with sublicense    | 5,600                |
| 32308DM        | "Right-to-Copy" 32308DA without sublicense | 5,600                |
| 32308LA        | Australian HP Accounts Payable             | 8,000                |
| 32308LR        | "Right-to-Copy" 32308LA with sublicense    | 5,600                |
| 32308LM        | "Right-to-Copy" 32308LA without sublicense | 5,600                |
| 32308ZA        | Italian HP Accounts Payable                | 8,000                |
| 32308ZR        | "Right-to-Copy" 32308ZA with sublicense    | 5,600                |
| 32308ZM        | "Right-to-Copy" 32308ZA without sublicense | 5,600                |
| 32308UA        | United Kingdom HP Accounts Payable         | 8,000                |
| 32308UR        | "Right-to-Copy" 32308UA with sublicense    | 5,600                |
| 32308UM        | "Right-to-Copy" 32308UA without sublicense | 5,600                |
| 32309A         | HP Accounts Receivable                     | 8,000                |
| 32309R         | "Right-to-Copy" 32309A with sublicense     | 5,600                |
| 32309M         | "Right-to-Copy" 32309A without sublicense  | 5,600                |
| 32309DA        | German HP Accounts Receivable              | 8,000                |
| 32309DR        | "Right-to-Copy" 32309DA with sublicense    | 5,600                |
| 32309DM        | "Right-to-Copy" 32309DA without sublicense | 5,600                |
| 32309LA        | Australian HP Accounts Receivable          | 8,000                |
| 32309LR        | "Right-to-Copy" 32309LA with sublicense    | 5,600                |
| 32309LM        | "Right-to-Copy" 32309LA without sublicense | 5,600                |
| 32309ZA        | Italian HP Accounts Receivable             | 8,000                |
| 32309ZR        | "Right-to-Copy" 32309ZA with sublicense    | 5,600                |
| 32309ZM        | "Right-to-Copy" 32309ZA without sublicense | 5,600                |

| Product Number | Description  | U.S. List Price (\$) |
|----------------|--|----------------------|
| 32309UA        | United Kingdom HP Accounts Receivable  | 8,000                |
| 32309UR        | "Right-to-Copy" 32309UA with sublicense  | 5,600                |
| 32309UM        | "Right-to-Copy" 32309UA without sublicense   | 5,600                |
| 32310A         | HP Report Facility   | 5,000                |
| 32310R         | "Right-to-Copy" 32310A with sublicense   | 3,500                |
| 32310M         | "Right-to-Copy" 32310A without sublicense  | 3,500                |
| 32310DA        | German HP Report Facility  | 5,000                |
| 32310DR        | "Right-to-Copy" 32310DA with sublicense  | 3,500                |
| 32310DM        | "Right-to-Copy" 32310DA without sublicense   | 3,500                |
| 32310LA        | Australian HP Report Facility  | 5,000                |
| 32310LR        | "Right-to-Copy" 32310LA with sublicense  | 3,500                |
| 32310LM        | "Right-to-Copy" 32310LA without sublicense   | 3,500                |
| 32310UA        | United Kingdom HP Report Facility  | 5,000                |
| 32310UR        | "Right-to-Copy" 32310UA with sublicense  | 3,500                |
| 32310UM        | "Right-to-Copy" 32310UA without sublicense   | 3,500                |
| 32311A         | HP Interface Facility  | 5,000                |
| 32311R         | "Right-to-Copy" 32311A with sublicense   | 3,500                |
| 32311M         | "Right-to-Copy" 32311A without sublicense  | 3,500                |
| 32311DA        | German HP Interface Facility   | 5,000                |
| 32311DR        | "Right-to-Copy" 32311DA with sublicense  | 3,500                |
| 32311DM        | "Right-to-Copy" 32311DA without sublicense   | 3,500                |
| 32311LA        | Australian HP Interface Facility   | 5,000                |
| 32311LR        | "Right-to-Copy" 32311LA with sublicense  | 3,500                |
| 32311LM        | "Right-to-Copy" 32311LA without sublicense   | 3,500                |
| 32311UA        | United Kingdom HP Interface Facility   | 5,000                |
| 32311UR        | "Right-to-Copy" 32311UA with sublicense  | 3,500                |
| 32311UM        | "Right-to-Copy" 32311UA without sublicense   | 3,500                |
| 32312A         | HP General Accounting  | 10,000               |
| 32312R         | "Right-to-Copy" 32312A with sublicense   | 7,000                |
| 32312M         | "Right-to-Copy" 32312A without sublicense  | 7,000                |
| 32312DA        | German HP General Accounting   | 10,000               |
| 32312DR        | "Right-to-Copy" 32312DA with sublicense  | 7,000                |
| 32312DM        | "Right-to-Copy" 32312DA without sublicense   | 7,000                |
| 32312LA        | Australian HP General Accounting   | 10,000               |
| 32312LR        | "Right-to-Copy" 32312LA with sublicense  | 7,000                |
| 32312LM        | "Right-to-Copy" 32312LA without sublicense   | 7,000                |
| 32312UA        | United Kingdom HP General Accounting   | 10,000               |
| 32312UR        | "Right-to-Copy" 32312UA with sublicense  | 7,000                |
| 32312UM        | "Right-to-Copy" 32312UA without sublicense   | 7,000                |
| 32338A         | Upgrade of HP General Accounting to Customizable Versions of HP General Ledger, HP Accounts Payable, HP Accounts Receivable. | 18,000               |

| Product Number  | Description   | U.S. List Price (\$) |
|---|---|----------------------|
| 32338R  | "Right-to-Copy" 32312A with sublicense  | 12,600               |
| 32338M  | "Right-to-Copy" 32312A without sublicense   | 12,600               |
| <b>SEMICONDUCTOR INFORMATION SYSTEMS</b> -----          |   |                      |
| 33900A  | IC-10 (Integrated Circuit Manufacturing Information System)                                   | 95,000               |
| 33900M  | "Right-to-Copy" 33900A without sublicense   | 66,500               |
| 33901A  | IC-10 (Accounting Interface)  | 20,000               |
| 33901M  | "Right-to-Copy" 33901A without sublicense   | 14,000               |
| 33911A  | CA-10 (I.C. Cost Accounting Information System, Module I)                                     | 73,000               |
| 33911M  | "Right-to-Copy" 33911A without sublicense   | 51,100               |
| 33912A  | CA-10 (I.C. Cost Accounting Information System, Module II)                                    | 50,000               |
| 33912M  | "Right-to-Copy" 33912A without sublicense   | 35,000               |
| 33902A  | TD-10 (Transaction and Display Processor)   | 6,500                |
| 33902M  | "Right-to-Copy" 33902A without sublicense   | 4,550                |
| 33903A  | EN-10 (Engineering Data Collection System)  | 32,000               |
| 33903M  | "Right-to-Copy" 33903A without sublicense   | 22,400               |
| 33904A  | EA-10 (Engineering Analysis System)   | 28,000               |
| 33904M  | "Right-to-Copy" 33904A without sublicense   | 19,600               |
| 33905A  | SO-10 (Sales Order System)  | 35,000               |
| 33905M  | "Right-to-Copy" 33905A without sublicense   | 24,500               |
| <b>DISTRIBUTION SYSTEMS APPLICATIONS SOFTWARE</b> ----- |   |                      |
| 36401A  | SFD/3000 System For Distributors. Must be ordered with one of the following options:          |                      |
| 039   | For use on Series 39/40/42, IIIR, 30R, or 33R processors                                      | 25,000               |
| 044   | For use on Series 44/48 or 64/68 processors   | 37,200               |
| 36401M  | "Right-to-Copy" 36401A without sublicense. Must be ordered with one of the following options: |                      |
| 039   | For use on Series 39/40/42, IIIR, 30R, or 33R processors                                      | 17,500               |
| 044   | For use on Series 44/48 or 64/68 processors   | 26,040               |
| 36412A  | SFD/3000 upgrade from option 039 to 044   | 12,200               |
| 36414A  | HP INVISION   | 25,000               |
| 36414K  | HP INVISION "Right-to-Copy"   | 17,500               |

| Product Number                                   | Description                               | U.S. List Price (\$) |
|--|---|----------------------|
| 36415A   | OM/3000 Order Management                  | 24,200               |
| 36415M   | "Right-to-Copy" 36415A without sublicense | 16,940               |
| <b>ADDITIONAL APPLICATIONS SOFTWARE</b> -----    |   |                      |
| 32180A   | APS/3000 Application Program Sampler      | 2,000                |
| 32180R   | "Right-to-Copy" 32180A with sublicense    | 1,000                |
| 32180M   | "Right-to-Copy" 32180A without sublicense | 1,000                |
| 32199A   | Flexible Disccopy/3000                    | 685                  |
| 32199R   | "Right-to-Copy" 32199A                    | 342                  |
| 32205B   | Scientific Library                        | 410                  |
| 32205R   | "Right-to-Copy" 32205B with sublicense    | 200                  |
| 32205M   | "Right-to-Copy" 32205B without sublicense | 200                  |
| 32206R   | "Right-to-Copy" DEL/3000                  | 250                  |
| 32238A   | OPT/3000 On-line Performance Tool         | 6,400                |
|  | 240 credit if 22809A training ordered     | -1,000               |
| 32238M   | "Right-to-Copy" 32238A without sublicense | 3,200                |
|  | 240 credit if 22809A training ordered     | -500                 |
| 32900B   | SIS/3000 Student Information System       | 3,780                |
| 32900R   | "Right-to-Copy" 32900B                    | 2,650                |
| 32902A   | CIS/3000 College Information System       | 6,300                |
| 32902R   | "Right-to-Copy" 32902A                    | 4,400                |
| <b>HP 3000 TERMINAL KEYBOARD TEMPLATES</b> ----- |   |                      |
| 7120-1189  | HP V/3000 ENTRY Template                  | 4.10                 |
| 7120-1190  | HP V/3000 FORMSPEC/REFSPEC Template       | 4.90                 |
| 7120-8716  | IMF/3000 IDF Template                     | 4.20                 |
| 36581-60001                                      | IDS/3000 Templates for 2647A              | 10.00                |
| 36581-60002                                      | IDS/3000 Templates for 2648A              | 10.00                |
| <b>HP 3000 OVERVIEW MANUALS</b> -----            |   |                      |
| 30381A   | HP 3000 User Manual Set                   | 210.00               |
| 003  | Series III Manuals                        | 0                    |
| 033  | Series 3x Manuals                         | 0                    |
| 040  | Series 39,40,42 Manuals                   | 0                    |
| 044  | Series 44,48 Manuals                      | 0                    |
| 064  | Series 64,68 Manuals                      | 0                    |
| 699  | Deletes binders                           | -25.00               |
| 30093A   | Programmer Manual Set                     | 114.75               |
| 5953-0663  | HP 3000 Specification Guide               | 2.37                 |

| Product Number                              | Description   | U.S. List Price (\$) |
|---|---|----------------------|
| 5953-7553                                   | HP 3000 General Information Manual  | 5.16                 |
| 03000-90121                                 | Using the HP 3000   | 14.00                |
| 30000-90171                                 | Technical Writer's Survival Kit   | 3.00                 |
| <b>HP 3000 HARDWARE MANUALS</b> -----       |   |                      |
| 30000-60029                                 | Site Preparation Manual Set (includes Site Planning and Preparation Guide (#30000-90206) and Site Planning Workbook (#30000-90207)) | 17.50                |
| 30000-90022                                 | Machine Instruction Set   | 11.00                |
| 30070-90026                                 | Machine Instruction Pocket Guide  | 4.00                 |
| 30070-60068                                 | Diagnostic Manual Set   | 70.00                |
| <b>MPE MANUALS</b> -----                    |   |                      |
| 30000-90009                                 | MPE Commands  | 20.00                |
| 30000-90010                                 | MPE Intrinsics  | 24.00                |
| 30000-90011                                 | Segmenter   | 6.00                 |
| 30000-90012                                 | Debug/Stack Dump  | 7.00                 |
| 30000-90014                                 | System Manager/System Supervisor  | 20.00                |
| 30000-90044                                 | System Utilities  | 6.00                 |
| 30000-90049                                 | Software Pocket Guide   | 17.50                |
| 32002-90004                                 | Console Operator's Guide  | 17.00                |
| <b>UTILITIES MANUALS</b> -----              |   |                      |
| 03000-90064                                 | FCOPY   | 6.00                 |
| 30000-90028                                 | Compiler Library  | 15.00                |
| 32104-90006                                 | RPG Utilities   | 20.00                |
| 32214-90001                                 | SORT  | 15.00                |
| <b>INFORMATION MANAGEMENT MANUALS</b> ----- |   |                      |
| 30000-90042                                 | QUERY/3000  | 15.00                |
| 30000-90079                                 | KSAM/3000   | 18.00                |
| 32209-90001                                 | HP VPLUS/3000 Reference Manual  | 20.00                |

| Product Number                 | Description                      | U.S. List Price (\$) |
|--------------------------------|----------------------------------|----------------------|
| 32209-90003                    | HP VPLUS/3000 Operator's Guide   | 3.50                 |
| 32209-90004                    | Using HP VPLUS/3000              | 22.00                |
| 32215-90003                    | IMAGE/3000                       | 16.00                |
| 32244-90001                    | Dictionary/3000 Reference Manual | 30.00                |
| 32245-90001                    | Report/3000 User's Guide         | 29.00                |
| 32246-90001                    | Inform/3000 User's Guide         | 22.00                |
| 32247-90001                    | Transact/3000 Reference Manual   | 21.00                |
| 32350-90001                    | HPToolset Reference Manual       | 40.00                |
| <b>LANGUAGES MANUALS</b> ..... |                                  |                      |
| 03000-90025                    | BASIC/3000 for Beginners         | 7.00                 |
| 03000-90050                    | BASIC/3000 Pocket Guide          | 2.00                 |
| 30000-90024                    | SPL/3000                         | 24.00                |
| 30000-90025                    | SPL Textbook                     | 12.50                |
| 30000-90026                    | BASIC/3000 Interpreter           | 17.50                |
| 30000-90040                    | FORTRAN/3000                     | 12.00                |
| 32103-90001                    | BASIC/3000 Compiler              | 5.00                 |
| 32104-90001                    | RPG/3000                         | 45.00                |
| 32104-90003                    | RPG/3000 Listing Analyzer        | 2.00                 |
| 32105-90002                    | APL/3000                         | 45.00                |
| 32105-90003                    | APL/3000 Pocket Guide            | 4.50                 |
| 32106-90001                    | Pascal/3000                      | 43.00                |
| 32106-90002                    | Pascal/3000 Pocket Guide         | 4.00                 |
| 32213-90001                    | COBOL/3000                       | 18.00                |
| 32213-90003                    | Using COBOL/3000                 | 13.00                |
| 32233-90001                    | COBOL II/3000                    | 22.00                |

| Product Number                           | Description  | U.S. List Price (\$) |
|--|--|----------------------|
| <b>DATA COMMUNICATIONS MANUALS</b> ..... |  |                      |
| 5955-1715                                | Guidebook to Data Communications                           | 3.00                 |
| 30000-90105                              | Data Communications Handbook                               | 32.50                |
| 30000-90047                              | RJE/3000 Reference Manual                                  | 17.50                |
| 32190-90001                              | DS/3000 Reference Manual                                   | 15.00                |
| 32190-90005                              | DS/3000 to DS/1000 Reference Manual                        | 8.00                 |
| 32192-90001                              | MRJE/3000 Reference Manual                                 | 12.00                |
| 32193-90002                              | MTS/3000 Reference Manual                                  | 15.00                |
| 32229-90001                              | IMF/3000 Reference Manual                                  | 21.00                |
| <b>OFFICE SYSTEMS MANUALS</b> .....      |  |                      |
| 32108-90001                              | HPDraw Reference Guide                                     | 22.00                |
| 32109-90001                              | HPEasyChart Reference Guide                                | 28.00                |
| 32112-90001                              | HPMENU Admin. Manual                                       | 18.00                |
| 32112-90002                              | HPMENU Quick Reference Guide                               | 1.00                 |
| 32119-90001                              | HPWORD Intrinsics- Programmatic Access to HPWORD Documents | 25.00                |
| 32120-90001                              | HPWORD Reference Guide                                     | 40.00                |
| 32120-90002                              | HPWORD Quick Reference Guide                               | 10.00                |
| 32250-90001                              | HP DSG/3000  | 28.00                |
| 32250-90002                              | HP DSG/3000 Guide  | 6.00                 |
| 36561-90001                              | HPSPELL Handbook   | 20.00                |
| 36570-90001                              | HPDESKMANAGER Ref. Manual                                  | 6.00                 |
| 36570-90002                              | HPDESKMANAGER Reference Manual                             | 16.00                |
| 36570-90004                              | HPDESKMANAGER Admin. Manual                                | 20.00                |
| 36576-90001                              | HPSLATE Reference Guide                                    | 18.00                |
| 36576-90002                              | Using HPSLATE  | 16.00                |
| 36578-90001                              | TDP/3000 Reference Manual                                  | 28.00                |
| 36578-90002                              | Using TDP/3000   | 22.00                |

| Product Number | Description | U.S. List Price (\$) |
|----------------|-------------|----------------------|
|----------------|-------------|----------------------|

|             |                                |       |
|-------------|--------------------------------|-------|
| 36578-90003 | TDP/3000 Quick Reference Guide | 8.50  |
| 36580-90001 | IFS/3000                       | 78.00 |
| 36581-90001 | IDS/3000 Character Design      | 45.00 |
| 36581-90002 | IDS/3000 Forms Design          | 60.00 |

**MANUFACTURING SYSTEMS APPLICATIONS MANUALS** -----

|        |   |        |
|--------|---|--------|
| 32916Z | Materials Mgmt./3000 Model 30 Manual Set        | 365.00 |
| 32903Z | Materials Mgmt./3000 Model 20 Manual Set        | 220.00 |
| 32904Z | Materials Mgmt./3000 Model 10 Manual Set        | 180.00 |
| 32905Z | Materials Requirements Planning/3000 Manual Set | 35.00  |
| 32906Z | Master Production Scheduling/3000 Manual Set    | 35.00  |
| 32907Z | Standard Product Costing/3000 Manual Set        | 35.00  |
| 32908Z | Factory Order Entry/3000 Manual Set             | 35.00  |
| 32909Z | Lot Control and Traceability/3000 Manual Set    | 120.00 |
| 32265Z | System Reference Manual for MM/3000             | 280.00 |
| 32270Z | Production Mgmt./3000 Model 30 Manual Set       | 250.00 |
| 32911Z | Production Mgmt./3000 Model 20 Manual Set       | 210.00 |
| 32912Z | Production Mgmt./3000 Model 10 Manual Set       | 165.00 |
| 32913Z | Capacity Req. Planning/3000 Manual Set          | 40.00  |
| 32915Z | System Reference Manual for PM/3000             | 280.00 |

NOTE: Extra copies of individual manuals are also available in English, German, French, Katakana, and Italian. HP Production Management/3000 manuals are available in English, German, French, and Katakana. Contact your Hewlett-Packard Sales Representative for prices of individual manuals and foreign language manuals.

**FINANCIAL SYSTEMS MANUALS** -----

|         |   |       |
|---------|---|-------|
| 32304Z  | HP Financial Accounting Manual Set        | 90.00 |
| 32304LZ | Australian HP Financial Acctg. Manual Set | 90.00 |
| 32304UZ | United Kingdom HP Fin. Acctg. Manual Set  | 90.00 |

| Product Number | Description | U.S. List Price (\$) |
|----------------|-------------|----------------------|
|----------------|-------------|----------------------|

|             |   |        |
|-------------|---|--------|
| 32285Y      | General Ledger/3000 Source Reference Manual | 500.00 |
| 32285Z      | General Ledger/3000 Manual Set              | 35.00  |
| 32286Y      | Accounts Payable/3000 Source Ref. Manual    | 500.00 |
| 32286Z      | Accounts Payable/3000 Manual Set            | 35.00  |
| 32287Y      | Accounts Receivable/3000 Source Ref. Manual | 500.00 |
| 32287Z      | Accounts Receivable/3000 Manual Set         | 35.00  |
| 32296Z      | HPPAY Manual Set                            | 225.00 |
| 32296-90001 | HPPAY User's Manual                         | 75.00  |
| 32296-90002 | HPPAY User's Reference Manual               | 76.00  |
| 32296-90003 | HPPAY System Reference Manual               | 34.00  |
| 32296-90005 | HPPAY Report Writer Manual                  | 40.00  |
| 32304-90001 | HP Fin. Acctg. Sys. Oper. Manual Set        | 30.00  |
| 32304-90002 | HP Fin. Acctg. Sys. Customiz. Manual Set    | 60.00  |
| 32305-90001 | HP General Ledger User Manual Set           | 35.00  |
| 32305-90002 | HP General Ledger System Ref. Manual Set    | 8.00   |
| 32306-90001 | HP Dual Ledger User Manual Set              | 55.00  |
| 32306-90002 | HP Dual Ledger Sys. Ref. Manual Set         | 8.00   |
| 32307-90001 | HP Allocator User Manual Set                | 35.00  |
| 32307-90002 | HP Allocator System Reference Manual Set    | 40.00  |
| 32308-90001 | HP Accounts Payable User Manual Set         | 55.00  |
| 32308-90002 | HP Accounts Payable Sys. Ref. Manual Set    | 8.00   |
| 32309-90001 | HP Accounts Receivable User Manual Set      | 55.00  |
| 32309-90002 | HP Accounts Rec. Sys. Ref. Manual Set       | 8.00   |
| 32310-90001 | HP Report Facility User Manual Set          | 50.00  |
| 32311-90001 | HP Interface Facility User Manual Set       | 35.00  |
| 32312Z      | Manual Set HP General Accounting            | 195.00 |



| Product Number  | Description  | U.S. List Price (\$) |
|---|--|----------------------|
| <b>SEMICONDUCTOR INFORMATION SYSTEM MANUALS</b> ----- |  |                      |
| 33900Z  | IC-10 (Integrated Circuit Manufacturing Information System) Manual Set   | 230.00               |
| 33911Z  | CA-10 (Cost Acctg. Info. Sys.) Manual Set  | 272.00               |
| 33902Z  | TD-10 (Transaction and Display Processor) Manual Set   | 90.00                |
| 33903Z  | EN-10 (Engrg. Data Collection System) Manual Set   | 40.00                |
| 33904Z  | EA-10 (Engrg. Analysis System) Manual Set  | 130.00               |
| 33905Z  | SO-10 (Sales Order System) Manual Set  | 220.00               |
| 33902-90010   | Getting Started Guide  | 10.00                |
| 33902-90020   | Master Glossary of Terms   | 10.00                |
| 33900-90050   | IC-10 General Information Manual   | 25.00                |
| 33900-90100   | IC-10 Fab User Manual  | 50.00                |
| 33900-90101   | IC-10 Sort User Manual   | 50.00                |
| 33900-90102   | IC-10 Assembly User Manual   | 50.00                |
| 33900-90103   | IC-10 Final Test User Manual   | 50.00                |
| 33900-90200   | IC-10 Operations Manual  | 30.00                |
| 33912-90100   | CA-10 User Manual (Volume I)   | 62.00                |
| 33912-90101   | CA-10 User Manual (Volume II)  | 70.00                |
| 33912-90102   | CA-10 User Manual (Volume III-RUNJOB)  | 55.00                |
| 33912-90103   | CA-10 User Manual (Volume IV-REPORTS)  | 62.00                |
| 33912-90400   | CA-10 Basic Training Manual<br>(May not be ordered except in conjunction with 33941A-CA-10 User Training Course) | 50.00                |
| 33912-90200   | CA-10 Operations Manual  | 35.00                |
| 33902-90100   | TD-10 User Manual  | 60.00                |
| 33902-90500   | TD-10 Quick Reference Guide  | 20.00                |
| 33902-90800   | TD-10 Installation Guide   | 10.00                |
| 33903-90100   | EN-10 User Manual  | 68.00                |

| Product Number                               | Description                                       | U.S. List Price (\$) |
|--|---|----------------------|
| 33904-90100                                  | EA-10 User Manual                                 | 59.00                |
| 33904-90200                                  | EA-10 Operations Manual                           | 52.00                |
| 33904-90600                                  | EA-10 System Design Manual                        | 25.00                |
| 33904-90900                                  | EA-Stat Guide                                     | 30.00                |
| 33905-90050                                  | SO-10 General Information Manual                  | 25.00                |
| 33905-90100                                  | SO-10 User Manual                                 | 200.00               |
| 33905-90200                                  | SO-10 Operations Manual                           | 20.00                |
| <b>DISTRIBUTION SOFTWARE MANUALS</b> -----   |   |                      |
| 36401K                                       | SFD/3000 Technical Documentation Manual Set       | 250.00               |
| 36401Z                                       | SFD/3000 User Documentation Manual Set            | 150.00               |
| 36407K                                       | SFD/3000 Data Base Technical Manual               | 50.00                |
| 36410A                                       | Distribution Management Product Evaluation Manual | 18.00                |
| 36415K                                       | OM/3000 Technical Documentation Manual set        | 200.00               |
| 36415Z                                       | OM/3000 User Documentation Manual                 | 100.00               |
| <b>ADDITIONAL APPLICATIONS MANUALS</b> ----- |   |                      |
| 30000-90027                                  | Scientific Library                                | 10.00                |
| 32180-90001                                  | APS/3000 Reference Manual                         | 8.00                 |
| 32180-90002                                  | APS/3000 Pocket Card                              | 3.50                 |
| 32180-90003                                  | APS/3000 Insert for MPE S/W Pocket Guide          | 3.00                 |
| 32199-90001                                  | Flexible Disccopy                                 | 8.00                 |
| 32238-90001                                  | OPT/3000 Reference Manual                         | 17.50                |
| 32238-90002                                  | OPT/3000 Pocket Guide                             | 1.50                 |
| 32900-90001                                  | SIS/3000 Reference Manual                         | 13.00                |
| 32900-90005                                  | SIS/3000 Technical Manual                         | 32.00                |
| 32901-90001                                  | SAS/3000 Reference Manual                         | 17.50                |
| 32901-90005                                  | SAS/3000 Technical Manual                         | 9.75                 |
| 32902-90001                                  | CIS/3000 Reference Manual                         | 13.00                |

| Product Number                  | Description                                   | U.S. List Price (\$) |
|---------------------------------|---|----------------------|
| 32902-90005                     | CIS/3000 Technical Manual                     | 10.50                |
| <b>CONVERSION MANUALS</b> ----- |   |                      |
| 32104-90004                     | System/3 to HP 3000 Conversion                | 15.00                |
| 32233-90005                     | COBOL/3000 to COBOL II/3000 Conversion        | 5.00                 |
| <b>TRAINING</b> -----           |   |                      |
| 22801C                          | HP 3000--A Programmer's Introduction (5 Days) | 725                  |
| 22801X                          | HP 3000--A Programmer's Introduction/On-site  | 7,250                |
| 22802C                          | HP 3000 System Mgmt. and Operation (5 Days)   | 800                  |
| 22802X                          | HP 3000 System Management and Oper./On-site   | 7,700                |
| 22804A                          | HP 3000 SPL File System Introduction (5 Days) | 925                  |
| 22804X                          | HP 3000 SPL File System Introduction/On-site  | 7,400                |
| 22805A                          | HP 3000 MPE Special Capabilities (5 Days)     | 925                  |
| 22805X                          | HP 3000 MPE Special Capabilities/On-site      | 7,400                |
| 22807B                          | HP 3000 System Operator (3 Days)              | 640                  |
| 22807X                          | HP 3000 System Operator at Customer Site      | 6,400                |
| 22808A                          | HP 3000 Application Design (4 Days)           | 740                  |
| 22808X                          | HP 3000 Application Design/On-site            | 6,700                |
| 22809B                          | HP OPT/3000 System Performance (10 Days)      | 1,680                |
| 22811A                          | HPWORD/3000 Customer Office Systems (4 Days)  | 720                  |
| 22811X                          | HPWORD/3000 Customer Office Systems/On-site   | 5,800                |
| 22830C                          | HP VPLUS/3000 for Programmers (4 days)        | 580                  |
| 22830D                          | HP VPLUS/3000 for Screen Designers (2 days)   | 290                  |
| 22830X                          | HP VPLUS/3000/On-site (4 days)                | 5,800                |
| 22834A                          | DSG/3000 Programmatic Use (3 Days)            | 555                  |
| 22834X                          | DSG/3000 Programmatic Use/On-site             | 5,800                |
| 22838X                          | HP IDS/3000 and IFS/3000/On-site (4 Days)     | 8,400                |
| 32261B                          | Using Materials Management/3000 (5 Days)      | 500                  |
| 101                             | Master Production Scheduling Module           | 200                  |

| Product Number | Description   | U.S. List Price (\$) |
|----------------|---|----------------------|
| 102            | Material Requirements Planning Module                                 | 100                  |
| 103            | Lot Control and Traceability Module                                   | 225                  |
| 104            | Factory Order Entry Module  | 100                  |
| 105            | Standard Product Costing Module                                       | 100                  |
| 32261X         | Using Materials Management/3000/On-site                               | 4,250                |
| 101            | Master Prod. Scheduling Module/On-site                                | 1,700                |
| 102            | Materials Req. Planning Module/On-site                                | 850                  |
| 103            | Lot Control and Trace. Module/On-site                                 | 1,900                |
| 104            | Factory Order Entry Module/On-site                                    | 850                  |
| 105            | Standard Product Costing Module/On-site                               | 850                  |
| 32271B         | Using Production Management/3000 (5 Days)                             | 700                  |
| 101            | Capacity Requirements Planning Module                                 | 100                  |
| 32271X         | Using Production Management/3000/On-site                              | 5,950                |
| 101            | Capacity Req. Planning Module/On-site                                 | 850                  |
| 32272B         | HP Manufacturing Systems Customization and Operation (5 Days)         | 400                  |
| 101            | Data Customization Module   | 400                  |
| 32272X         | HP Manufacturing Systems Customization and Operation/On-site          | 3,400                |
| 101            | Data Customization Module/On-site                                     | 3,400                |
| 32288A         | General Ledger/3000 Training (2 Days)                                 | 320                  |
| 32288X         | General Ledger/3000 Training/On-site                                  | 3,200                |
| 32289A         | Accounts Payable/3000 Training (2 Days)                               | 320                  |
| 32289X         | Accounts Payable/3000 Training/On-site                                | 3,200                |
| 32290A         | Accounts Receivable/3000 Training (2 Days)                            | 160                  |
| 32290X         | Accounts Receivable/3000 Training/On-site                             | 1,600                |
| 32299A         | HPPAY Train-the-Trainer (3 Days)                                      | 525                  |
| 32299X         | HPPAY Train-the-Trainer/On-site                                       | 4,800                |
| 32303A         | HP Interface Facility Training (2 Days)                               | 420                  |
| 32303X         | HP Interface Facility Training/On-site                                | 3,200                |
| 32304A         | HP Financial Accounting Customization and Operation Training (3 Days) | 480                  |
| 32304X         | HP Financial Accounting Customization and Operation Training/On-site  | 4,350                |
| 32313A         | HP General Ledger Training (2 Days)                                   | 320                  |

| Product Number | Description  | U.S. List Price (\$) |
|----------------|--|----------------------|
| 32313X         | HP General Ledger Training/On-site                               | 3,200                |
| 32314A         | HP Accounts Payable Training (2 Days)                            | 320                  |
| 32314X         | HP Accounts Payable Training/On-site                             | 3,200                |
| 32315A         | HP Accounts Receivable Training (1 Day)                          | 220                  |
| 32315X         | HP Accounts Receivable Training/On-site                          | 2,200                |
| 32316A         | HP Report Facility Training (2 Days)                             | 320                  |
| 32316X         | HP Report Facility Training/On-site                              | 3,200                |
| 32317A         | HP Allocator Training (2 Days)                                   | 320                  |
| 32317X         | HP Allocator Training/On-site                                    | 3,200                |
| 32318X         | HP Dual Ledger Training/On-site (1 Day)                          | 1,600                |
| 35013B         | Dictionary/Inform/Report Training (3 Days)                       | 480                  |
| 35013X         | Dictionary/Inform/Report Training/On-site                        | 4,800                |
| 35014A         | Transact/3000 Training (5 Days)                                  | 800                  |
| 35014X         | Transact/3000 Training/On-site                                   | 8,000                |
| 35022A         | HP 3000/4X Training Program for Service Personnel (15 Days)      | 4,500                |
| 35027A         | Implementation Team Training for MM/3000                         | *                    |
| 35040A<br>001  | HP 3000 System Performance Evaluation<br>Additional Complexity   | 3,100<br>335         |
| 35051A         | Introduction to Data Comm. Course (5 Days)                       | 925                  |
| 35051X         | Introduction to Data Comm. Course/On-site                        | 7,000                |
| 35052A         | Intro to HP3000 Course (2 Days)                                  | 290                  |
| 35052B         | Intro to HP3000 for Operators Course (1 day)                     | 145                  |
| 35052X<br>001  | Intro to HP3000 Onsite Course (2 Days)<br>One additional student | 2,900<br>100         |
| 35053A         | IMAGE/3000 Database Management Course (5 Days)                   | 725                  |
| 35053X         | IMAGE/3000 Database Mgmt. Course/On-site                         | 7,250                |
| 35108A         | SFD/3000 and OM/3000 Mgmt. Seminar (2 Days)                      | 400                  |
| 35109A         | SFD/3000 Introduction Class (5 Days)                             | 1,000                |

| Product Number   | Description   | U.S. List Price (\$) |
|--|---|----------------------|
| 35110A   | SFD/3000 Advanced Class (5 Days)  | 1,000                |
| 35112A   | OM/3000 Users Class (5 Days)  | 1,000                |
| 36564A   | HPWORD Basics (3 Days)  | 410                  |
| 36564X   | HPWORD Basics/On-site   | 2,885                |
| 36579A   | Text and Document Processor/3000 (2 Days)   | 320                  |
| 36579X   | Text and Document Processor/3000/On-site  | 3,200                |
| 36900E   | Distributed Systems/3000 (3 Days)   | 5,400                |
| <b>NOTE:</b> "X" denotes on-site class. Fee includes up to ten students. Additional students (up to max permissible) may be accommodated at \$100.00/student. Hewlett-Packard reserves the right to cancel class upon three weeks notice.<br>* Contact Division for price information. |   |                      |
| <b>SELF-PACED TRAINING</b> -----   |   |                      |
| 22832A   | Learning COBOL II   | 475                  |
| 22833B   | Using DSG/3000 Interactively  | 490                  |
| 22835B<br>022  | A Guided Tour to the HP 3000<br>7908/11/12 Compatible Cartridge Tape  | 375<br>0             |
| 22840B   | Using HPDraw  | 420                  |
| 22842A<br>022  | Programming in Transact/3000<br>7908/11/12 Compatible Cartridge Tape  | 750<br>0             |
| 32350TA  | Using HPToolset   | 750                  |
| 35023A   | HP 262X Maintenance   | 250                  |
| <b>CONSULTING</b> -----  |   |                      |
| 32240X   | IMF/3000 Training/Consulting Package  | 3,800                |
| 33940A<br>001  | Implementation Consultation for Semiconductor<br>Information Systems<br>Overseas Implement. Consult. (Add'l Cost) | 3,000<br>1,200       |
| 33941A   | Implementation Support Quotation Semiconductor<br>Information Systems   | *                    |
| 33945A   | System Enhancements Quotation for Semiconductor<br>Information Systems  | *                    |
| 35021A   | SE Assistance for Business Computers/T&M  | 100                  |

| Number | Description   | Price (\$) |
|--------|---|------------|
| 35026A | Requirements Definition Consulting for MM/3000                              | *          |
| 35028A | Project Planning Assistance for MM/3000                                     | *          |
| 35029A | Project Implementation Assistance for MM/3000                               | *          |
| 35032A | SE Assistance for Business Computers/1 Day                                  | 750        |
| 35033A | SE Off-Hours Emergency Assistance   | 700        |
| 35034A | Sys. Specialist Assis. for Bus. Comp./1 Day                                 | 900        |
| 35035A | Sys. Specialist Assis. for Bus. Comp./T&M                                   | 115        |
| 35039A | HP 3000 Installation Mgmt. Consulting (1 Day)                               | 900        |
| 001    | One additional day  | 750        |
| 35044A | Off Hours S/W Update Installation (Customers Only)                          | 200        |
| 35045A | Pre-Installation Production Assistance                                      | 750        |
| 001    | Machine Time  | 1,000      |
| 35054A | Application Eng. Consulting for PL79 (Locally Acquired Software)/1 Day      | 750        |
| 35054C | Application Eng. Consulting for PL60 (Financial Management Software)/1 Day  | 750        |
| 35054D | Application Eng. Consulting for PL85 (Office Systems Software)/1 Day        | 750        |
| 35054N | Application System Engineering Assist./1 Day                                | 750        |
| 35055A | Application Eng. Consulting for PL79 (Locally Acquired Software)/T&M        | 100        |
| 001    | Off-hours rate  | 27         |
| 35055C | Application Eng. Consulting for PL60 (Financial Management Software)/T&M    | 100        |
| 001    | Off-hours rate  | 27         |
| 35055D | Application Eng. Consulting for PL85 (Office Systems Software)/T&M          | 100        |
| 001    | Off-hours rate  | 27         |
| 35055N | Application System Engineering Assist./T&M                                  | 100        |
| 001    | Off-hours rate  | 27         |
| 35057A | Application Spec. Consulting for PL79 (Locally Acquired Software)/1 Day     | 900        |
| 35057C | Application Spec. Consulting for PL60 (Financial Management Software)/1 Day | 900        |

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| Number                                    | Description  | Price (\$) |
|---|--|------------|
| 35057D                                    | Application Spec. Consulting for PL85 (Office Systems Software)/1 Day                                      | 900        |
| 35057N                                    | Application Specialist Assistance/1 Day  | 900        |
| 35058A                                    | Application Spec. Consulting for PL79 (Locally Acquired Software)/T&M                                      | 115        |
| 001                                       | Off-hours rate   | 25         |
| 35058C                                    | Application Spec. Consulting for PL60 (Financial Management Software)/T&M                                  | 115        |
| 001                                       | Off-hours rate   | 25         |
| 35058D                                    | Application Spec. Consulting for PL85 (Office Systems Software)/T&M  | 115        |
| 001                                       | Off-hours rate   | 25         |
| 35058N                                    | Application Specialist Assistance/T&M  | 115        |
| 001                                       | Off-hours rate   | 25         |
| 35107A                                    | SFD/3000 Implementation Assistance. Required for purchase of SFD/3000 System for Distributors (36401A).    | 34,800     |
| 35111A                                    | OM/3000 Implementation Assistance. Req'd for purchase of OM/3000 Order Mgmt. (36415A) Management (36415A). | 20,800     |
|   | * Contact MPD for price information.   |            |
| <b>SERIES IIIR UPGRADE PRODUCTS</b> ----- |  |            |
| 324358R                                   | Series IIIR (See Re-Marketed Systems section for additional system options.)                               | 20,400 538 |
| 600                                       | Return credit for a Pre-S/II with 92 Kb  | -2,250 0   |
| 601                                       | Return credit for a Pre-S/II with 128 Kb   | -2,500 0   |
| 602                                       | Return credit for a S/II with 128 Kb   | -3,000 0   |
| 603                                       | Return credit for a S/II with 192 Kb   | -3,500 0   |
| 604                                       | Return credit for a S/II with 256 Kb   | -4,000 0   |
| 605                                       | Return credit for a S/II with 320 Kb   | -4,500 0   |
| 606                                       | Return credit for a S/II with 384 Kb   | -5,000 0   |
| 607                                       | Return credit for a S/II with 448 Kb   | -5,500 0   |
| 608                                       | Return credit for a S/II with 512 Kb   | -6,000 0   |
| <b>SERIES 37XE UPGRADE PRODUCTS</b> ----- |  |            |
| 32450AH                                   | Series 337 to 37XE upgrade Provides I/O Expansion Unit with 512 Kb Memory                                  | 12,500 6   |
| 015                                       | 200-240 VAC System Operation   | 0 0        |
| 180                                       | Delete 512 Kb Memory   | -2,500 -4  |

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Domestic USA. prices only and subject to change without notice.  
For a firm quotation, contact your Hewlett-Packard Sales Representative.

| Product Number                          | Description   | U.S. List Price (\$) | SMMC |
|---|---|----------------------|------|
| <b>SERIES 39 UPGRADE PRODUCTS</b> ----- |   |                      |      |
| 30539B                                  | Series 39 Disc Cache Upgrade with 512 Kb Memory (set of 2 256 Kb boards)    | 11,000               | 18   |
| 170                                     | Delete 256 Kb Memory  | -2,000               | -14  |
| 180                                     | Delete 512 Kb Memory  | -4,000               | -28  |
| 408                                     | Substitute MPE-V/E for MPE-V/P  | 0                    | 0    |
| <b>SERIES 42 UPGRADE PRODUCTS</b> ----- |   |                      |      |
| 30542B                                  | Series 40 to Series 42 Field Upgrade  | 11,000               | 25   |
| 190                                     | Delete 1 Mb Memory  | -6,000               | -32  |
| 409                                     | Substitute MPE-V/E for MPE-V/P  | 0                    | 0    |
| 32542BH                                 | Upgrade to the Series 42 (32542A) w/1 Mb M01: Remote Support Service Credit | 36,000               | 233  |
| 015                                     | 220-240V/50 Hz operation  | 0                    | -75  |
| 022                                     | Software on magnetic tape cartridge   | 0                    | 0    |
| 409                                     | Substitute MPE-V/E for MPE-V/P  | 0                    | 0    |
| 601                                     | Upgrade from pre-Series II or HP 2000 w/128 Kb                              | -1,000               | 0    |
| 602                                     | Upgrade from Series II w/128 Kb   | -1,000               | 0    |
| 603                                     | Upgrade from Series III w/256 Kb  | -6,000               | 0    |
| 605                                     | Upgrade from S/33A/B w/256 Kb, 2649E  | -5,400               | 26   |
| 606                                     | Upgrade from S/33C/U w/256 Kb, 2649E  | -5,400               | 26   |
| 607                                     | Upgrade from S/30A/B w/256 Kb, 2649E  | -3,400               | 13   |
| 608                                     | Upgrade from S/30C/U w/256 Kb, 2649E  | -3,400               | 13   |
| 617                                     | Upgrade from S/37 w/no Memory   | -4,000               | 0    |
| 618                                     | Upgrade from S/37XE w/no Memory   | -7,000               | 0    |
| <b>SERIES 48 UPGRADE PRODUCTS</b> ----- |   |                      |      |
| 30548B                                  | Series 44 to Series 48 Field Upgrade  | 14,000               | 25   |
| 190                                     | Delete 1 Mb Memory  | -6,000               | -32  |
| 410                                     | Substitute MPE-V/E for MPE-V/P  | 0                    | 0    |
| 32548BH                                 | Upgrade to Series 48 (32548A) w/2 Mb M01: Remote Support Service Credit     | 63,700               | 252  |
| 015                                     | 220-240V operation  | 0                    | -75  |
| 022                                     | Software of Cartridge Tape  | 0                    | 0    |
| 410                                     | Substitute MPE-V/E for MPE-V/P  | 0                    | 0    |
| 601                                     | Upgrade from pre-Series II or HP 2000 w/128 Kb                              | -2,000               | 0    |
| 602                                     | Upgrade from Series II w/128 Kb   | -2,000               | 0    |
| 603                                     | Upgrade from Series III w/256 Kb  | -7,000               | 0    |
| 605                                     | Upgrade from S/33A/B w/256 Kb, 2649E  | -6,000               | 26   |
| 606                                     | Upgrade from S/33C/U w/256 Kb, 2649E  | -6,000               | 26   |
| 607                                     | Upgrade from S/30A/B w/256 Kb, 2649E  | -5,000               | 13   |
| 608                                     | Upgrade from S/30C/U w/256 Kb, 2649E  | -5,000               | 13   |
| 611                                     | Upgrade from Series 40 w/no memory  | -10,500              | 26   |
| 613                                     | Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter                   | -9,000               | 0    |
| 614                                     | Upgrade from Series 39 w/no memory  | -8,000               | 13   |

| Product Number                          | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| 615                                     | Upgrade from Series 42 w/no memory   | -13,500              | 26   |
| 617                                     | Upgrade from Series 37 w/no memory   | -5,000               | 0    |
| 618                                     | Upgrade from Series 37XE w/no memory   | -8,000               | 0    |
| <b>SERIES 68 UPGRADE PRODUCTS</b> ----- |  |                      |      |
| 30468A                                  | Series 64A to Series 68A Field Upgrade   | 25,000               | 75   |
| 190                                     | Delete 1 Mb Memory   | -8,000               | -75  |
| 250                                     | Add Expansion Bay & I/O Adapter (IMB)  | 25,000               | 53   |
| 251                                     | Junction Panels (required if no ATP is ordered; not available if ATP ordered - w/ATP, order opt. 003 on 30145A or 30155A.) | 0                    | 0    |
| 411                                     | Substitute MPE-V/P for MPE-V/E   | 0                    | 0    |
| 30468B                                  | Series 64B to Series 68B Field Upgrade   | 25,000               | 75   |
| 190                                     | Delete 1 Mb Memory   | -8,000               | -75  |
| 250                                     | Add Expansion Bay & I/O Adapter (IMB)  | 25,000               | 53   |
| 251                                     | Junction Panels (required if no ATP is ordered; not available if ATP ordered - w/ATP, order opt. 003 on 30145A or 30155A.) | 0                    | 0    |
| 411                                     | Substitute MPE-V/P for MPE-V/E   | 0                    | 0    |
| 32468BH                                 | Upgrade to Series 68 (32468B) w/3 Mb M01: Remote Support Service Credit  | 182,300              | 739  |
| 015                                     | 380V/50 Hz three phase operation   | 0                    | -75  |
| 016                                     | 415V/50 Hz three phase operation   | 0                    | 0    |
| 250                                     | Add Expansion Bay & I/O Adapter (IMB)  | 25,000               | 53   |
| 411                                     | Substitute MPE-V/P for MPE-V/E   | 0                    | 0    |
| 601                                     | Upgrade from pre-Series II or HP 2000 w/128 Kb   | -2,500               | 0    |
| 602                                     | Upgrade from Series II w/128 Kb  | -3,000               | 0    |
| 603                                     | Upgrade from Series III w/256 Kb   | -27,000              | 0    |
| 605                                     | Upgrade from S/33A/B w/256 Kb, 2649E   | -8,000               | 26   |
| 606                                     | Upgrade from S/33C/U w/256 Kb, 2649E   | -8,000               | 26   |
| 607                                     | Upgrade from S/30A/B w/256 Kb, 2649E   | -6,000               | 13   |
| 608                                     | Upgrade from S/30C/U w/256 Kb, 2649E   | -6,000               | 13   |
| 609                                     | Upgrade from Series 44 w/1 Mb  | -43,000              | 26   |
| 611                                     | Upgrade from Series 40 w/no memory   | -13,825              | 26   |
| 613                                     | Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter  | -30,000              | 0    |
| 614                                     | Upgrade from Series 39 w/no memory   | -11,650              | 13   |
| 615                                     | Upgrade from Series 42 w/no memory   | -15,075              | 26   |
| 616                                     | Upgrade from Series 48 w/1 Mb  | -45,500              | 26   |
| <b>HP 300 TO HP 3000 UPGRADES</b> ----- |  |                      |      |
| 30076B                                  | HP 300 to Series 42 (w/1 Mb) Upgrade   | 40,500               | 246  |
| 015                                     | 220-240V/50 Hz Operation   | 0                    | 0    |
| 022                                     | Software on Cartridge Tape   | 0                    | 0    |
| 409                                     | Substitute MPE-V/E for MPE-V/P   | 0                    | 0    |
| 610                                     | Return credit for HP 300 Model 10, product number 31032A   | -13,910              | 0    |
| 615                                     | Return credit for HP 300 product number 31033A   | -8,500               | 0    |

| Product Number                                    | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| 620   | Return credit for HP 300 Model 20 product number 31034A                              | -8,500               | 0    |
| 630   | Return credit for HP 300 Model 30, product number 31035A                             | -8,500               | 0    |
| 650   | Return credit for 31204A 128 Kb Memory Module  | -1,200               | 21   |
| 670   | Return credit for 31030A HP 300 Workstation  | -4,900               | 0    |
| 30085B  | HP 300 to Series 48 (w/2 Mb) Upgrade   | 77,600               | 265  |
| 015   | 220-240V/50 Hz Operation   | 0                    | 0    |
| 022   | Software on Cartridge Tape   | 0                    | 0    |
| 410   | Substitute MPE-V/E for MPE-V/P   | 0                    | 0    |
| 610   | Return credit for HP 300 Model 10, product number 31032A                             | -20,810              | 0    |
| 615   | Return credit for HP 300 product number 31033A                                       | -15,400              | 0    |
| 620   | Return credit for HP 300 Model 20 product number 31034A                              | -15,400              | 0    |
| 630   | Return credit for HP 300 Model 30, product number 31035A                             | -15,400              | 0    |
| 650   | Return credit for 31204A 128 Kb Memory Module  | -1,200               | 21   |
| 31282AN   | Return credit for 31282A Bisync Communication Processor                              | -1,125               | N/A  |
| <b>MEMORY AND FIRMWARE UPGRADE PRODUCTS</b> ----- |  |                      |      |
| 30092AN   | Return Credit for additional 512 Kb of Series 39, 4x memory (set of 2 256 Kb boards) | -2,500               | N/A  |
| 30400A  | Series 42/48 Firmware Upgrade for MPE-V/E  | 2,850                | 0    |
| 040   | Firmware for High Performance Series 39/42   | 0                    | -7   |
| 044   | Firmware for Series 48   | 0                    | -7   |
| 30161AN   | Return Credit for additional 1 Mb of Series 39,4x memory                             | -5,000               | N/A  |
| 30171AN   | Return Credit for additional 256 Kb of Series 39,40 memory                           | -1,250               | N/A  |
| <b>COMMUNICATIONS UPGRADE PRODUCTS</b> -----      |  |                      |      |
| 30018AN   | Return Credit for ADCC-Main  | -850                 | N/A  |
| 30019AN   | Return Credit for ADCC-Extension   | -850                 | N/A  |
| 30020AN   | Return Credit for Series 3x,4x INP   | -1,800               | N/A  |
| 30360AN   | Return Credit for HSI for Series III   | -500                 | N/A  |

| Product Number  | Description  | U.S. List Price (\$) | SMMC |
|---|--|----------------------|------|
| <b>PERIPHERAL UPGRADE PRODUCTS</b> -----  |  |                      |      |
| 7925MN  | Return Credit for 7925M disc drive   | -3,600               | N/A  |
| 7925SN  | Return Credit for 7925S or A disc drive  | -2,600               | N/A  |
| 7970EN  | Return Credit for 7970E tape drive   | -1,000               | N/A  |
| 7976AN  | Return Credit for 7976A tape drive (expires June 30, 1984)   | -2,500               | N/A  |
| 12745A  | Master Disc Drive Controller Upgrade to Convert from Parallel Differential to HP-IB for 7906/20/25 (includes 2m HP-IB cable)                           | 1,400                | 4    |
| 13037U  | Upgrade Kit for 7906/20/25 Slave to Master Drive. Includes Disc Controller (with Parallel Interface for Series III), Power Cord, and Mounting Hardware | 5,600                | 40   |
| 015   | 220V/50 Hz single phase operation  | 0                    | 0    |
| 102   | Replaces Parallel Differential with HP-IB Interface (includes 2m HP-IB cable)  | 1,200                | 4    |
| 26002A  | 2608A Line Printer Interface   | 295                  | 0    |
| 046   | HP-IB Interface  | 325                  | 0    |
| 26095B  | 2631B Conversion Kit to RS-232-C   | 420                  | 0    |
| 010   | RS-232-C Serial Front Panel  | 125                  | 0    |
| 26069A  | 2613/17/19A Line Printer Interface   | 2,475                | 22   |
| 340   | Cable set for Series 39,40,42  | 700                  | 0    |
| 344   | Cable set for Series 44,48   | 700                  | 0    |
| 364   | Cable set for Series 64,68   | 700                  | 0    |
| Note: Contact Boise for cables required in moving 2613/17/19 between HP-IB systems. |  |                      |      |
| 26072A  | Master Magnetic Tape Drive HP-IB Conversion Kit (lo-boy cabinet)   | 3,665                | 54   |
| 001   | Parallel to HP-IB Upgrade (upright cabinet). Reference 26078A.   | 0                    | N/A  |
| 002   | Parallel to HP-IB Upgrade with Serial number less than 1822A-xxxxx   | 0                    | N/A  |
| H01   | Upgrade of HP-IB Drive with Serial Number less than 2034A-xxxxx (Series 30/33 to 39/4x/6x only)  | -2,800               | -54  |
| 26073A  | 7970E Master to Slave Conversion Kit   | 865                  | N/A  |
| 26077A  | 7970E Slave to Master Conversion Kit   | 2,950                | N/A  |
| 26078A  | 7971A Upright Cabinet Kit  | 3,565                | N/A  |
| 001   | Additional hardware to mount second drive  | 0                    | 0    |

| Product Number                   | Description   | U.S. List Price (\$) | SMMC |
|----------------------------------|---|----------------------|------|
| <b>MEMORY EXPANSION PRODUCTS</b> |   |                      |      |
| 30008BR                          | 256 Kb Mem. Module for S/III (Re-Marketed)  | 3,750                | 25   |
| 30078AR                          | 128 Kb Mem. Module for S/3x (Re-Marketed)   | 2,500                | 10   |
| 30418AR                          | 1536 Kb Memory Exp. Kit for all S/IIIs. Exp. Mem. From 1024 Kb to 1536 Kb. (Re-Marketed)  | 9,025                | 58   |
| 001                              | Adds one memory power supply (30311A). (Re-Marketed)  | 2,515                | 23   |
| <b>I/O EXPANSION PRODUCTS</b>    |   |                      |      |
| 30030C                           | High Speed Selector Channel for Series III  | 3,800                | 28   |
| 30021C                           | ADCC Upgrade Cable. Order one for each existing ADCC beyond the first ADCC Main   | 395                  | 0    |
| 040                              | Series 39,40,42 Cable Set   | 0                    | 0    |
| 044                              | Series 44,48 Cable Set  | 0                    | 0    |
| 30022A                           | General I/O Channel Cable. Order one for each existing GIC in system being upgraded.  | 450                  | 0    |
| 040                              | Series 39,40,42 Cable Set   | 0                    | 0    |
| 044                              | Series 44,48 Cable Set  | 0                    | 0    |
| 064                              | Series 64,68 Cable Set  | 0                    | 0    |
| 30032BR                          | 16 Port Asynchronous Terminal Controller for Series III. (Re-Marketed)  | 3,010                | 15   |
| 001                              | 103, 202T, and 212 modem support (Re-Marketed)  | 1,240                | 3    |
| 30055AR                          | Synchronous Single Line Controller, Cable Included. (Re-Marketed)   | 2,005                | 19   |
| 30209AR                          | Line Printer Controller to Interface 2608A, 2613A, 2617A, and 2619A Line Printers with Option 300. (Re-Marketed)                    | 1,285                | 6    |
| 30215AR                          | Magnetic Tape Controller. Interfaces fifth through eighth 7970B or 7970E magnetic tape drives with 300 level options. (Re-marketed) | 2,710                | 17   |
| 30229B                           | 7920/7925 Disc Interface for Series III   | 1,300                | 8    |
| 30235AR                          | Series III I/O Expansion Kit. (Re-Marketed)   | 8,225                | 48   |
| 30416A                           | Series 33 I/O Expansion Kit   | 7,950                | 25   |
| 30441A                           | Asynchronous Terminal Controller Field Upgrade Kit  | 1,585                | 3    |

| Product Number   | Description  | U.S. List Price (\$)     | SMMC      |     |     |     |
|--|--|--------------------------|-----------|-----|-----|-----|
| <b>HP 3000 SOFTWARE SUPPORT</b>  |  |                          |           |     |     |     |
| The following represent monthly fees for HP 3000 Software Support Services. Customers may also purchase: |  |                          |           |     |     |     |
|  | Additional Response Center Caller MUS for Programmer's Manuals | 32400A+P00<br>30093A+Q00 | 250<br>16 |     |     |     |
| PRODUCT  | AMS  | RCS                      | ASC       | SMS | EMS | MUS |
| <b>FOS/3000</b>  |  |                          |           |     |     |     |
| Series 30:   | (T)  | (H)                      | (V)       | (S) | (W) | (Q) |
| 32430A+00  | N/A  | N/A                      | 70        | N/A | 20  | 40  |
| 32430A+41  | 440  | 200                      | 90        | 150 | 90  |     |
| 32430A+51  | 400  | 160                      | 50        | 110 | 50  |     |
| Series 33:   |  |                          |           |     |     |     |
| 32412A+00  | N/A  | N/A                      | 80        | N/A | 25  | 40  |
| 32412A+41  | 440  | 200                      | 90        | 160 | 90  |     |
| 32412A+51  | 400  | 160                      | 50        | 120 | 50  |     |
| Series II and III:   |  |                          |           |     |     |     |
| 32435A+00  | N/A  | N/A                      | 100       | N/A | 30  | 40  |
| 32435A+50  | 460  | 200                      | 60        | 145 | 60  |     |
| 32435A+51  | 450  | 190                      | 50        | 135 | 50  |     |
| Series 37 (MPE-V/E):   |  |                          |           |     |     |     |
| 32449A+00  | N/A  | N/A                      | 80        | N/A | 20  | 20  |
| 32449A+22  | 270  | 120                      | 0         | 100 | 50  |     |
| 32449A+51  | 270  | 120                      | 0         | 100 | 50  |     |
| Series 37XE (MPE-V/E):   |  |                          |           |     |     |     |
| 32450A+00  | N/A  | N/A                      | 80        | N/A | 20  | 20  |
| 32450A+22  | 270  | 120                      | 0         | 100 | 50  |     |
| 32450A+51  | 270  | 120                      | 0         | 100 | 50  |     |
| Series 39 - Disc Cache:  |  |                          |           |     |     |     |
| 30539B+00  | 0  | 0                        | 0         | 0   | 0   |     |
| Series 39 (MPE-V/P):   |  |                          |           |     |     |     |
| 32514B+00  | N/A  | N/A                      | 75        | N/A | 30  | 40  |
| 32514B+22  | 350  | 145                      | 80        | 110 | 80  |     |
| 32514B+51  | 350  | 145                      | 50        | 110 | 50  |     |
| Series 39 - (MPE-V/E):   |  |                          |           |     |     |     |
| 32514B+00-408  | N/A  | N/A                      | 75        | N/A | 30  | 40  |
| 32514B+22-408  | 350  | 145                      | 80        | 110 | 80  |     |
| 32514B+51-408  | 350  | 145                      | 50        | 110 | 50  |     |
| Series 40 (MPE-V/P):   |  |                          |           |     |     |     |
| 32445A+00  | N/A  | N/A                      | 75        | N/A | 30  | 40  |
| 32445A+22  | 350  | 145                      | 80        | 110 | 80  |     |
| 32445A+51  | 350  | 145                      | 50        | 110 | 50  |     |

| Product                          | AMS  | RCS | ASC  | SMS  | EMS  | MUS |
|----------------------------------|--|-----|--|--|--|-----|
| <b>Series 40SX (MPE-V/P):</b>    |  |     |  |  |  |     |
| 32446A+ 00                       | N/A  | N/A | 75   | N/A  | 30   | 40  |
| 32446A+ 22                       | 380  | 175 | 80   | 140  | 80   |     |
| 32446A+ 51                       | 380  | 145 | 50   | 110  | 50   |     |
| <b>Series 42 (MPE-V/P):</b>      |  |     |  |  |  |     |
| 32542B+ 00                       | N/A  | N/A | 75   | N/A  | 30   | 40  |
| 32542B+ 22                       | 350  | 145 | 80   | 110  | 80   |     |
| 32542B+ 51                       | 350  | 145 | 50   | 110  | 50   |     |
| <b>Series 42 (MPE-V/E):</b>      |  |     |  |  |  |     |
| 32542B+ 00-409                   | N/A  | N/A | 75   | N/A  | 30   | 40  |
| 32542B+ 22-409                   | 350  | 145 | 80   | 110  | 80   |     |
| 32542B+ 51-409                   | 350  | 145 | 50   | 110  | 50   |     |
| <b>Series 44 (MPE-V/P):</b>      |  |     |  |  |  |     |
| 32440B+ 00                       | N/A  | N/A | 105  | N/A  | 30   | 40  |
| 32440B+ 22                       | 530  | 210 | 80   | 135  | 80   |     |
| 32440B+ 51                       | 530  | 210 | 50   | 135  | 50   |     |
| <b>Series 48 (MPE-V/P):</b>      |  |     |  |  |  |     |
| 32548B+ 00                       | N/A  | N/A | 105  | N/A  | 30   | 40  |
| 32548B+ 22                       | 530  | 210 | 80   | 135  | 80   |     |
| 32548B+ 51                       | 530  | 210 | 50   | 135  | 50   |     |
| <b>Series 48 (MPE-V/E):</b>      |  |     |  |  |  |     |
| 32548B+ 00-410                   | N/A  | N/A | 105  | N/A  | 30   | 40  |
| 32548B+ 22-410                   | 530  | 210 | 80   | 135  | 80   |     |
| 32548B+ 51-410                   | 530  | 210 | 50   | 135  | 50   |     |
| <b>Series 64 (MPE-V/E):</b>      |  |     |  |  |  |     |
| 32460B+ 00                       | N/A  | N/A | 135  | N/A  | 35   | 40  |
| 32460B+ 51                       | 690  | 280 | 50   | 175  | 50   |     |
| <b>Series 64 (MPE-V/P):</b>      |  |     |  |  |  |     |
| 32460B+ 00-411                   | N/A  | N/A | 135  | N/A  | 35   | 40  |
| 32460B+ 51-411                   | 690  | 280 | 50   | 175  | 50   |     |
| <b>Series 68 (MPE-V/E)</b>       |  |     |  |  |  |     |
| 32468B+ 00                       | N/A  | N/A | 135  | N/A  | 35   | 40  |
| 32468B+ 22                       | 690  | 280 | 80   | 175  | 80   |     |
| 32468B+ 51                       | 690  | 280 | 50   | 175  | 50   |     |
| <b>Series 68 (MPE-V/P):</b>      |  |     |  |  |  |     |
| 32468B+ 00-411                   | N/A  | N/A | 135  | N/A  | 35   | 40  |
| 32468B+ 22-411                   | 690  | 280 | 80   | 175  | 80   |     |
| 32468B+ 51-411                   | 690  | 280 | 50   | 175  | 50   |     |
| <b>HP 3000 SYSTEMS SOFTWARE</b>  |  |     |  |  |  |     |
| <b>Category/Support Products</b> |  |     | CS<br>(C00)  | ES<br>(V00)  | MUS<br>(Q00)   |     |
| Languages                        | 99081B+<br>99082B+<br>99083B+<br>99084B+<br>99085B+<br>99086B+<br>99087B+<br>99088B+<br>99089B+<br>99090B+<br>99091B+<br>99092B+<br>99093B+<br>99094B+<br>99095B+<br>99096B+<br>99097B+<br>99098B+<br>99099B+<br>99100B+ |     | 55<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70 | 15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15 | 15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 |     |

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| Product   |  | CS<br>(C00)  | ES<br>(V00)              | MUS<br>(Q00)                                    |
|---|--|--|--------------------------|---|
| Data Management   | 99083B+<br>99084B+<br>99085B+<br>99086B+<br>99087B+  | 50<br>30<br>25<br>65<br>90                               | 10<br>5<br>5<br>15<br>20 | 10<br>5<br>5<br>10<br>5                         |
| Languages:  |  | SMS<br>(S00)   |                          | EMS<br>(W00)                                    |
| COBOL/3000  | 32213A+<br>32233A+<br>32100A+<br>32104A+<br>32111A+<br>32102B+<br>32105A+<br>32106A+                       | 30<br>30<br>30<br>30<br>30<br>30<br>40<br>25             |                          | 6<br>6<br>6<br>6<br>6<br>6<br>8<br>5            |
| Productivity Tools:   |  |  |                          |   |
| Dictionary/3000   | 32244A+<br>32245A+<br>32246A+<br>32247A+<br>32248A+<br>32249A+<br>32350A+<br>36580A+<br>36581A+<br>36584A+ | 15<br>15<br>15<br>15<br>45<br>15<br>25<br>15<br>20<br>50 |                          | 3<br>3<br>3<br>3<br>9<br>3<br>5<br>3<br>4<br>10 |
| Data Management   |  |  |                          |   |
| HP2680 Graphics   | 36583A+  | 15   |                          | 3   |
| Utilities:  |  |  |                          |   |
| Speech Library  | 27205A+<br>30239A+<br>32180A+<br>32199A+<br>32205B+<br>32238A+<br>35077A+                                  | 10<br>10<br>15<br>5<br>15<br>15<br>0                     |                          | 2<br>2<br>3<br>1<br>3<br>3<br>N/A               |
| Network Support Services:                                     |  |  |                          |   |
| (Category Support only on Network Links not Network Services) |  |  |                          |   |
| SNA NRJE Service  | 30245A+  | 20   |                          | 4   |
| DS Service  | 32185A+  | 20   |                          | 4   |
| Workstation Config. Service                                   | 30239A+  | 10   |                          | 2   |
| RJE Service   | 30248A+  | 20   |                          | 4   |
| MRJE Service  | 30249A+  | 20   |                          | 4   |

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Domestic USA. prices only and subject to change without notice.  
For a firm quotation, contact your Hewlett-Packard Sales Representative.



| Product                                     |                      | SMS<br>(S00) | EMS<br>(W00) |              |
|---|----------------------|--------------|--------------|--------------|
| IMF Service                                 | 30250A+ <sub>-</sub> | 35           | 7            |              |
| MTS Service                                 | 32025A+ <sub>-</sub> | 15           | 5            |              |
| <b>DataCom A (99085B+C00)</b>               |                      |              |              |              |
| RJE<br>(Pre Series III)                     | 30097A+ <sub>-</sub> | 15           | 3            |              |
| <b>Datacomm B (99086B+C00)</b>              |                      |              |              |              |
| BSC Link                                    | 30251A+ <sub>-</sub> | 5            | 1            |              |
| Pt-to-Pt                                    | 30270A+ <sub>-</sub> | 5            | 3            |              |
| Hardwired Link                              |                      |              |              |              |
| Pt-to-Pt Modem                              | 30271A+ <sub>-</sub> | 5            | 3            |              |
| Link  |                      |              |              |              |
| MTS Data Link                               | 32026A+ <sub>-</sub> | 5            | 3            |              |
| Connection                                  |                      |              |              |              |
| MTS Modem Link                              | 32027A+ <sub>-</sub> | 5            | 3            |              |
| MTS 3270 Device                             | 32028A+ <sub>-</sub> | 5            | 3            |              |
| Link  |                      |              |              |              |
| <b>Datacomm C (99087B+C00)</b>              |                      |              |              |              |
| X.25 Link                                   | 32187A+ <sub>-</sub> | 15           | 5            |              |
| Satellite                                   | 32188A+ <sub>-</sub> | 20           | 4            |              |
| Communications                              |                      |              |              |              |
| Link  |                      |              |              |              |
| SNA Link                                    | 30246A+ <sub>-</sub> | 10           | 2            |              |
| <b>HP 3000 APPLICATIONS SOFTWARE</b> -----  |                      |              |              |              |
|   |                      | AMS<br>(T00) | RCS<br>(H00) | ES<br>(V00)  |
| <b>Application Family Support Products:</b> |                      |              |              |              |
| Manufacturing                               | 99101B+ <sub>-</sub> | 335          | 180          | 70           |
| Factory Automation                          | 99102D+ <sub>-</sub> | 300          | 165          | 60           |
| Distribution                                | 99103B+ <sub>-</sub> | 360          | 200          | 75           |
| Administrative                              | 99104B+ <sub>-</sub> | 230          | 145          | 50           |
| Office Applications                         | 99105B+ <sub>-</sub> | 50           | 30           | 10           |
| Ofc. Application Tools                      | 99106B+ <sub>-</sub> | 40           | 30           | 10           |
| Computer Aided ME                           | 99107E+ <sub>-</sub> | 110          | 60           | 25           |
| Computer Aided EE                           | 99108E+ <sub>-</sub> | 725          | 400          | 150          |
| Semiconductor Products                      | 99110B+ <sub>-</sub> | N/A          | 1,100        | 300          |
|   |                      | SMS<br>(S00) | EMS<br>(W00) | MUS<br>(Q00) |
| <b>Office Systems</b>                       |                      |              |              |              |
| HPDraw                                      | 32108A+ <sub>-</sub> | 20           | 5            | 3            |
| HPEasyChart                                 | 32109A+ <sub>-</sub> | 15           | 3            | 3            |
| HPBusiness Graphics                         | 32110A+ <sub>-</sub> | 50           | 10           | 9            |

| Product                                  |                       | SMS<br>(S00) | ESMS<br>(W00) | MUS<br>(Q00) |
|--|-----------------------|--------------|---------------|--------------|
| HPMenu                                   | 32112A+ <sub>-</sub>  | 10           | 3             | 3            |
| HPWord Int.                              | 32119A+ <sub>-</sub>  | 10           | 3             | 3            |
| HPWord                                   | 32120A+ <sub>-</sub>  | 25           | 10            | 3            |
| HPWord (German)                          | 32120DA+ <sub>-</sub> | 25           | 10            | 3            |
| HPListKeeper                             | 32132A+ <sub>-</sub>  | 15           | 5             | 3            |
| DSG/3000                                 | 32250A+ <sub>-</sub>  | 30           | 10            | 3            |
| HPSpell (Amer.)                          | 36561A+ <sub>-</sub>  | 15           | 5             | 3            |
| HPSpell (Brit.)                          | 36561UA+ <sub>-</sub> | 15           | 5             | 3            |
| HPSpell (Am. & Brit.)                    | 36562A+ <sub>-</sub>  | 15           | 5             | 3            |
| HPSpell (Add-on Am.)                     | 36563A+ <sub>-</sub>  | 8            | 3             | 3            |
| HPSpell (Add-on Brit.)                   | 36563UA+ <sub>-</sub> | 8            | 3             | 3            |
| HPDeskManager                            | 36570A+ <sub>-</sub>  | 30           | 6             | 5            |
| HPDeskManager (Germ.)                    | 36570DA+ <sub>-</sub> | 30           | 6             | 5            |
| HP Slate                                 | 36576A+ <sub>-</sub>  | 15           | 3             | 3            |
| HP Slate (Germ.)                         | 36576DA+ <sub>-</sub> | 15           | 3             | 3            |
| TDP/3000                                 | 36578A+ <sub>-</sub>  | 30           | 6             | 3            |
| Visicalc/3000                            | 32133A+ <sub>-</sub>  | 15           | 5             | N/A          |
| Interactive Ofc. Prod.                   | 32114A+ <sub>-</sub>  | 75           | 15            | 15           |
| <b>Manufacturing Applications</b>        |                       |              |               |              |
| MM/3000 Model 10                         | 32904A+ <sub>-</sub>  | 25           | 5             | 5            |
| Model 20                                 | 32903A+ <sub>-</sub>  | 35           | 10            | 3            |
| Model 25                                 | 32260A+ <sub>-</sub>  | 50           | 10            | 5            |
| Model 30                                 | 32916A+ <sub>-</sub>  | 73           | 15            | 15           |
| MRP                                      | 32905A+ <sub>-</sub>  | 12           | 5             | 3            |
| MPS                                      | 32906A+ <sub>-</sub>  | 10           | 2             | 3            |
| SPC                                      | 32907A+ <sub>-</sub>  | 8            | 2             | 3            |
| FOE                                      | 32908A+ <sub>-</sub>  | 8            | 2             | 3            |
| LTC                                      | 32909A+ <sub>-</sub>  | 25           | 5             | 3            |
| PM/3000 Model 10                         | 32912A+ <sub>-</sub>  | 30           | 6             | 5            |
| Model 20                                 | 32911A+ <sub>-</sub>  | 40           | 10            | 5            |
| MM/3000                                  | 32270A+ <sub>-</sub>  | 30           | 10            | 5            |
| CRP                                      | 32913A+ <sub>-</sub>  | 25           | 5             | 3            |
| Maintenance Management<br>(Model 20)     | 32275A+ <sub>-</sub>  | 20           | 12            | 3            |
| Maintenance Management<br>(Model 30)     | 32276A+ <sub>-</sub>  | 25           | 15            | 5            |
| Maintenance Inventory<br>(Control Model) | 32277A+ <sub>-</sub>  | 5            | 3             | 3            |
| <b>Administrative Applications</b>       |                       |              |               |              |
| GL/3000 (Object)                         | 32285A+ <sub>-</sub>  | 50           | 10            | 3            |
| AP/3000 (Object)                         | 32286A+ <sub>-</sub>  | 50           | 10            | 3            |
| AR/3000 (Object)                         | 32287A+ <sub>-</sub>  | 50           | 10            | 3            |
| GL/3000 (Source)                         | 32292A+ <sub>-</sub>  | 20           | 5             | N/A          |
| AP/3000 (Source)                         | 32293A+ <sub>-</sub>  | 20           | 5             | N/A          |
| AR/3000 (Source)                         | 32294A+ <sub>-</sub>  | 20           | 5             | N/A          |
| HPPay                                    | 32296A+ <sub>-</sub>  | 20           | 5             | 3            |
| HPGeneral Ledger<br>(German Version)     | 32305A+ <sub>-</sub>  | 10           | 5             | 3            |
| (Aust. Version)                          | 32305D+ <sub>-</sub>  | 10           | 5             | 3            |
| (U.K. Version)                           | 32305L+ <sub>-</sub>  | 10           | 5             | 3            |
| HP Dual Ledger                           | 32305U+ <sub>-</sub>  | 10           | 5             | 3            |
|  | 32306A+ <sub>-</sub>  | 25           | 5             | 3            |

| Product  |          | SMS<br>(S00) | ESMS<br>(W00) | MUS<br>(Q00) |
|--|----------|--------------|---------------|--------------|
| (German Version)                                 | 32306D+  | 25           | 5             | 3            |
| (Aust. Version)                                  | 32306L+  | 25           | 5             | 3            |
| (U.K. Version)                                   | 32306U+  | 25           | 5             | 3            |
| HPAlloc.   | 32307A+  | 25           | 5             | 3            |
| (German Version)                                 | 32307D+  | 25           | 5             | 3            |
| (Aust. Version)                                  | 32307L+  | 25           | 5             | 3            |
| (U.K. Version)                                   | 32307U+  | 25           | 5             | 3            |
| HP/Accounts Payable                              | 32308A+  | 10           | 5             | 3            |
| (German Version)                                 | 32308D+  | 10           | 5             | 3            |
| (Aust. Version)                                  | 32308L+  | 10           | 5             | 3            |
| (U.K. Version)                                   | 32308U+  | 10           | 5             | 3            |
| HP/Accts. Receivable                             | 32309A+  | 10           | 5             | 3            |
| (German Version)                                 | 32309D+  | 10           | 5             | 3            |
| (Aust. Version)                                  | 32309L+  | 10           | 5             | 3            |
| (U.K. Version)                                   | 32309U+  | 10           | 5             | 3            |
| HP/Report Facility                               | 32310A+  | 15           | 5             | 3            |
| (German Version)                                 | 32310D+  | 15           | 5             | 3            |
| (Aust. Version)                                  | 32310L+  | 15           | 5             | 3            |
| (U.K. Version)                                   | 32310U+  | 15           | 5             | 3            |
| HP/Interface Facility                            | 32311A+  | 15           | 5             | 3            |
| (German Version)                                 | 32311D+  | 15           | 5             | 3            |
| (Aust. Version)                                  | 32311L+  | 15           | 5             | 3            |
| (U.K. Version)                                   | 32311U+  | 15           | 5             | 3            |
| HPGA   | 32312A+  | 60           | 12            | 3            |
| (German Version)                                 | 32312AD+ | 60           | 12            | 3            |
| (Aust. Version)                                  | 32312L+  | 60           | 12            | 3            |
| (U.K. Version)                                   | 32312U+  | 60           | 12            | 3            |
| HPFA   | 32336A+  | 75           | N/A           | N/A          |
| Advncd. Customization<br>(User Exits Capability) |          |              |               |              |
| German Version -                                 | 32336D+  | 75           | N/A           | N/A          |
| Aust. Version -                                  | 32336L+  | 75           | N/A           | N/A          |
| U.K. Version -                                   | 32336U+  | 75           | N/A           | N/A          |
| <b>Distribution Applications</b>                 |          |              |               |              |
| SFD/3000   | 36401A+  | 20           | 10            | 5            |
| OM/3000  | 36415A+  | 15           | 5             | 3            |
| <b>Semiconductor Productivity Applications</b>   |          |              |               |              |
| IC-10  | 33900A+  | 60           | 20            | 5            |
| CA-10 I  | 33911A+  | 60           | 20            | 5            |
| CA-10 II   | 33912A+  | 45           | 10            | 5            |
| TD-10  | 33902A+  | 20           | 10            | 5            |
| EN-10  | 33903A+  | 45           | 10            | 5            |
| EA-10  | 33904A+  | 50           | 10            | 5            |
| SO-10  | 33905A+  | 60           | 20            | 5            |
| PC-10/OP.L                                       | 33920A+  | 40           | 10            | 5            |
| PC-10/EQ.S                                       | 33921A+  | 25           | 5             | N/A          |

**Key to Acronyms:**

AMS: Account Management Support  
RCS: Response Center Support  
ASC: Additional System Coverage  
SMS: Software Materials Subscription

| Product  |   | SMS<br>(S00) | ESMS<br>(W00) | MUS<br>(Q00) |
|--|---|--------------|---------------|--------------|
| CS: Category Support   |   |              |               |              |
| ES: Extended (Family or Category) Support  |   |              |               |              |
| EMS: Extended Materials Subscription   |   |              |               |              |
| MUS: Manual Update Service   |   |              |               |              |
| ESMS: Extended Software Materials Subscription   |   |              |               |              |
| <b>DISCONTINUED HP 3000 SOFTWARE SUPPORT</b> .....   |   |              |               |              |
| For information on these services, refer to the "HP Computer System Software Support Services Price List and Reference Guide, P/N 5957-7013. |   |              |               |              |
| <b>HP 3000 SOFTWARE NOTIFICATION SERVICE</b> .....   |   |              |               |              |
|  |   |              |               | SMMC         |
|  |   |              |               | ----         |
| 32499A+N00   | HP 3000 Software Notification Service       |              |               | 25/mo.       |
| 32499A   | HP 3000 Software Notification Service       |              |               | 25/mo.       |
| 35059A   | HP 3000 Appl. Software Notification Service |              |               | 15/mo.       |

**SOFTWARE AND SUPPORT SERVICES**  
(For systems shipped before July 1, 1979)

Pre-Series II Support Services

| Product Description   | Customer Support Service   | Additional PICS Caller  | Additional Site Support   | Software Subscription Service   |
|---|--|---|---|---|
| <b>Fundamental Operating Software</b><br>MPE-C, EDIT,<br>FCOPY, SPL<br>Compiler Library | 22823T \$300<br>Add option 001<br>to indicate a<br>pre-Series II<br>System | 22823P \$100  | 22823V \$60<br>Add option 001<br>to indicate a<br>pre-Series II<br>System | 22823S \$75<br>Add option 001<br>to indicate a<br>pre-Series II<br>System |
| See Note 1  |  |   |   |   |
| COBOL/3000  | 30096T \$100   | Additional PICS<br>callers are associated<br>with the<br>HP 3000 system<br>installation and<br>not individual<br>software products.<br>Order<br>22823P (above)<br>for each additional<br>PICS caller. | 30096V \$25   | 30096S \$30   |
| RPG/3000  | 30100T \$100   |   | 30100V \$25   | 30100S \$30   |
| BASIC/3000  | 30098T \$ 50   |   | 30098V \$25   | 30098S \$30   |
| FORTRAN/3000  | 30099T \$ 50   |   | 30099V \$25   | 30099S \$30   |
| DBMS/3000   | 30095T \$145   |   | 30095V \$30   | 30095S \$40   |
| INDEX/3000  | 32207T \$ 25   |   | 32207V \$10   | 32207S \$10   |
| DEL/3000  | 32206T \$ 50   |   | 32206V \$20   | 32206S \$20   |
| RJE/3000  | 30097T \$ 40   |   | 30097V \$15   | 30097S \$15   |

Note 1: Certain products have been assigned new product numbers.  
As originally ordered, these products were numbered:

COBOL/3000            32213B  
RPG/3000             32104A  
BASIC/3000           32111A  
FORTRAN/3000        32102B  
DBMS/3000            32235A  
RJE/3000             30130D

HP 3000 Pre-Series II Manual Update Service

|        |  |      |
|--------|--|------|
| 22823Q | HP 3000 Pre-Series II Systems Manual Update Service. | \$40 |
| 30096Q | Pre-Series II COBOL/3000 Manual Update Service.      | 4    |
| 30100Q | Pre-Series II RPG/3000 Manual Update Service.        | 5    |
| 30098Q | Pre-Series II BASIC/3000 Manual Update Service.      | 5    |
| 30099Q | Pre-Series II FORTRAN/3000 Manual Update Service.    | 3    |
| 30095Q | Pre-Series II DBMS/3000 Manual Update Service.       | 4    |
| 32207Q | Pre-Series II INDEX/3000 Manual Update Service.      | 2    |
| 32206Q | Pre-Series II DEL/3000 Manual Update Service.        | 2    |
| 30097Q | Pre-Series II RJE/3000 Manual Update Service.        | 2    |

**SOFTWARE AND SUPPORT SERVICES**  
(For systems shipped before July 1, 1979)

Series II, Series III, and Series 33 Support Services

| Product Description  | Software Product                 |                                | Support Services   |   |   |   |
|--|----------------------------------|--------------------------------|--|---|---|---|
|  | Standard Product                 | Right To Copy                  | Customer Support Service   | Additional PICS Caller  | Additional Site Support   | Software Subscription Service   |
| <b>Fundamental Operating Software</b><br>(FOS)-MPE,<br>EDIT,<br>FCOPY, SPL<br>Compiler Library | Included with HP 3000<br>Systems |                                | 22823T \$300<br>Add Option<br>003 for a<br>Series II or<br>Series III<br>OR<br>Add Option<br>033 for<br>Series 33. | 22823P \$100<br>Additional<br>PICS callers<br>are associated<br>with the<br>HP 3000<br>system in-<br>stallation<br>and not<br>individual<br>software<br>products.<br>Order<br>22823P for<br>each additional<br>PICS caller. | 22823V \$60<br>Add Option<br>003 for a<br>Series II or<br>Series III<br>OR<br>Add Option<br>033 for<br>Series 33. | 22823S \$75<br>Add Option<br>003 for a<br>Series II or<br>Series III<br>OR<br>Add Option<br>033 for<br>Series 33. |
| <b>Data Entry Data Management</b>  |                                  | See Note<br>2                  |  |   |   |   |
| KSAM/3000  | 32208A \$1725                    | 32208R \$ 875<br>32208M \$ 875 | 32208T \$ 30   |   | 32208V \$15   | 32208S \$20   |
| DBMS/3000  | 32235B \$3200                    | 32235R \$1600<br>32235M \$1600 | 32235T \$100   |   | 32235V \$30   | 32235S \$40   |
| HP V/3000  | 32209A \$1600                    | 32209R \$ 800<br>32209M \$ 800 | 32209T \$70  |   | 32209V \$20   | 32209S \$30   |

Note 2: The "R" suffix on "right-to-copy" software products indicates inclusion of a sublicense, while the "M" suffix indicates "right-to-copy" without a sublicense.

HP 3000 Software Notification Service

|        |  |      |
|--------|--|------|
| 32499A | HP 3000 Software Notification Service. Includes SSB, Communicator. | \$25 |
|--------|--|------|



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