

# HP 3000 Computer Systems



## Price Guide

Effective March 1987

### SYSTEM PROCESSOR UNITS

System Processor Units .....	1
MPE FOS and Media .....	3
Vectra Office Systems .....	4
I/O Expansion .....	5
Memory Expansion .....	7

### SYSTEM PROCESSOR UPGRADE PRODUCTS

Series 37, MICRO 3000 and MICRO 3000XE Upgrade Products .....	8
Series 42 Upgrade Products .....	9
Series 48 Upgrade Products .....	9
Series 52 Upgrade Products .....	10
Series 58 Upgrade Products .....	11
Series 68 Upgrade Products .....	11
Series 70 Upgrade Products .....	12
Series 930 Upgrade Products .....	13
HP 300 to HP 3000 Upgrade Products .....	14

### PERIPHERALS

Disc Drives .....	14
Cartridge and Magnetic Tape Subsystems .....	17
Printers .....	18
Intelligent Page Printers .....	22
Graphics Plotters and Digitizers .....	25
Peripheral Upgrade Products and Add-On's .....	26
Peripheral Accessories .....	28

### TERMINALS

Interactive Display Terminals .....	31
Data Collection and Industrial Terminals .....	33
Series 6X/70 System Console .....	33
Terminal Accessories .....	34

### COMMUNICATIONS

Datacomm Test Equipment .....	34
Datacomm Network Services .....	35
Datacomm Network Links .....	36
Multipoint Terminal Communications Products .....	41
Statistical Multiplexers and Cluster Controllers .....	42

### CABLES AND POWER LINE CONDITIONERS

Terminal/Plotter Cables Point-to-Point Connections .....	43
Terminal Extender Cables Point-to-Point Connections .....	44
Advanced Terminal Processor Custom Cables .....	44
Multipoint Terminal Cables .....	45
Fiber Optic Cables .....	45
HP-IB Cables .....	45
INP Cables .....	45
Power Line Conditioners .....	46

### SOFTWARE

Languages .....	46
Information Management Tools .....	50
Office Systems Software .....	57
Manufacturing Systems Application Software .....	65
Financial Systems Applications Software .....	71
Additional Applications Software .....	72

### MANUALS

HP 3000 Hardware, Overview and DataComm Manuals .....	72
MPE and Utilities Manuals .....	73
Language Manuals .....	73
Information Management Manuals .....	74
Office Systems Manuals .....	74
Manufacturing Systems Applications Manuals .....	76
Financial Systems Manuals .....	76
Additional Applications Manuals .....	77

### TRAINING AND CONSULTING

Training .....	77
Self-Paced Training .....	79
HP-ASSIST .....	80
Consulting .....	82

### SOFTWARE SUPPORT

Operating System Support Products .....	84
Category Support Products .....	86
Systems Software Products by Category .....	86
Family Support Products .....	89
Application Software Products by Family .....	90

Product Number	Description	U.S. List Price (\$)	SMMC
<b>SYSTEM PROCESSOR UNITS</b>			
<b>System Processor Units</b> -----			
32449A	HP 3000 Series 37 SPU w/512Kb memory	13,000	37
001	Add-on ATP/37	2,100	8
015	200-240 VAC system operation	0	0
022	DUS software on cartridge tape media	0	0
051	DUS software on 1600 bpi tape media	0	0
252	French	0	0
253	German	0	0
256	Spanish	0	0
257	Italian	0	0
259	Dutch	0	0
508	Expands memory to 1024Kb	3,500	6
509	Expands memory to 2048Kb	9,000	20
32450C	HP 3000 Series 37XE SPU w/1Mb memory and system cabinet. Must order ATP separately.	21,600	35
015	200 - 240 Volts	0	0
022	DUS software on tape cartridge	0	0
051	DUS software on 1600 bpi tape	0	0
252	French	0	0
253	German	0	0
509	Expands memory to 2Mb	5,000	14
510	Expands memory to 4Mb	12,000	38
32459A	HP 3000 Series 37 SPU w/1Mb memory, 1 PIC, & system cabinet. Must order ATP separately.	15,000	35
015	200 - 240 Volts	0	0
022	DUS software on cartridge tape	0	0
051	DUS software on 1600 BPI tape	0	0
252	French	0	0
253	German	0	0
509	Expands memory to 2Mb	5,000	14
32535A	MICRO 3000 w/2Mb memory and system cabinet.	12,000	34
015	200-240 VAC system operation	0	0
051	DUS software on magnetic tape	0	0
510	4Mb memory upgrade	4,000	7
32535E	MICRO 3000 entry level system w/2Mb, cabinet, 7957A, 9144A, 2392A, 40290A w/opt. 125.	21,350	103
001	Add-on ATP/M opt. #125	2,700	8
007	81Mb add-on disc drive (7957A)	5,200	35
008	130Mb add-on disc drive (7958A)	7,700	37
015	200-240 VAC system operation	0	0
32535F	MICRO 3000 full-size system w/4Mb memory, 7958A, 9144A, 2392A, 40290A opt. 125.	26,950	112
001	Add-on ATP/M opt. 125	2,700	8
007	81Mb add-on disc drive (7957A)	5,200	35
008	130Mb add-on disc drive (7958A)	7,700	37
009	Substitutes 35401A for 9144A.	4,000	28
015	200-240 VAC system operation	0	0
511	Substitutes 2Mb main memory for 4Mb	-2,000	-7

Product Number	Description	U.S. List Price (\$)	SMMC
32545A	MICRO 3000XE w/2Mb memory, system cabinet and PIC. Must order ATP/M separately.	29,500	70
015	200-240 VAC system cabinet	0	0
022	DUS software on cartridge tape media	0	0
051	DUS software on 1600 bpi tape media	0	0
510	Expands memory to 4Mb	7,000	-13
32542B	HP 3000 Series 42 SPU with 1Mb memory (60Hz). Must order ADCC separately	39,800	230
015	220-240V/50 Hz single phase operation	0	n/a
022	Software on cartridge tape media	0	n/a
409	Substitute MPE V/E for MPE V/P firmware	0	n/a
501	Add-on 1Mb memory for S/39, 4X or 5X	4,800	34
502	Add-on 2Mb memory (2 1Mb memory arrays)	9,600	68
32542RR	HP 3000 Series 42R SPU w/2Mb memory and 2 GIC's (REMARKETED).	24,500	230
015	220-240V/50 Hz operation	0	n/a
022	Software on cartridge tape media	0	n/a
511	Add 1Mb memory	3,500	34
32548B	HP 3000 Series 48 SPU w/2Mb memory (60Hz). Must order ADCC separately. This newly manufactured product may contain remanufactured parts that are equal to new in performance.	75,000	343
015	220-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape media	0	0
410	Substitute MPE V/E for MPE V/P firmware	0	-7
501	Add-On 1Mb memory for S/39, 4X or 5X	4,800	34
32548BR	HP 3000 Series 48R SPU with 2Mb memory (REMARKETED)	27,950	327
015	200-240V/50Hz single phase operation	0	0
022	Software on cartridge tape media	0	0
515	Add 1Mb memory	3,500	34
32552C	HP 3000 Series 52 SPU w/4Mb memory. This newly manufactured product may contain remanufactured parts equivalent to new in performance.	45,000	233
015	220-240V/50 Hz system operation	0	n/a
022	DUS on cartridge tape media	0	n/a
502	Add-on 2Mb memory	7,200	19
503	Add-on 4Mb memory	14,400	26
32558C	HP 3000 Series 58 w/4Mb memory. This newly manufactured product may contain remanufactured parts equivalent to new in performance.	75,000	151
015	220-240V/50 Hz system operation	0	n/a
022	DUS on cartridge tape media	0	n/a
502	Add-on 2Mb memory	7,200	19
503	Add-on 4Mb memory	14,400	26
32558BR	HP 3000 Series 58 SPU (REMARKETED) w/4Mb, and DUS on 1600 bpi mag tape.	65,000	440
015	220-240 VAC	0	0

**HP Computer Museum**  
**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**

Product Number	Description	U.S. List Price (\$)	SMMC
34202AR	HP 3000 Series 58 System Bundle. Includes S/58R, 4Mb memory, 30018AR (ADCC main), 7933HR disc drive, 7974AR tape drive, and Touchscreen II console.	77,500	664
301	Delete 7974AR tape drive	-9,000	-100
401	7933R disc drive	14,000	94
466	Add 2566R printer	18,500	219
501	Additional 1Mb memory	3,500	34
602	Upgrade from S/II or earlier CPU	-2,000	n/a
603	Upgrade from S/III w/256Kb	-4,000	n/a
605	Upgrade from S/30,33 w/no memory	-2,500	n/a
617	Upgrade from S/37 w/no memory	-5,000	n/a
618	Upgrade from S/37XE with no memory	-8,000	n/a
32468C	HP 3000 Series 68 SPU w/4Mb memory. ATP must be ordered separately.	186,100	702
015	380V/50 Hz three-phase operation	0	0
016	415V/50 Hz three-phase operation	0	0
250	Add expansion bay and IMB	25,000	58
411	Substitute MPE V/P for MPE V/E firmware	0	0
32471A	HP 3000 Series 70 SPU with 8Mb memory. ATP must be ordered separately.	150,000	537
015	380V/50 Hz system operation	0	0
016	415V/50 Hz system operation	0	0
250	Add expansion bay and IMB	25,000	58
500	Add 4Mb memory	16,000	40
501	Add 8Mb memory	32,000	80
32480A	HP 3000 Series 930 Preconfigured System with 16Mb memory, MPE XL FOS, ALLBASE/XL and System Dictionary/XL.	225,000	475
500	Add 8Mb memory	16,000	
32481A	HP 3000 Series 930 SPU with 16Mb main memory. Does not include software.	185,000	475
<b>MPE FOS and Media</b> .....			
32650A	MPE XL Fundamental Operating Software includes MPE XL Native Mode, Compatibility Mode, KSAM/V, TurboIMAGE/V, QUERY/V, VPLUS/V, SORT-MERGE/XL, EDIT/V, FCOPY/XL, STORE/RESTORE, DEBUG/V, NM/CM Debug, migration utilities, and software manual set. Must order option 430.	0	n/a
430	For use on Series 930	35,000	n/a
51450A	HP 3000 MPE V/E Media Product. Includes FOS tape, software installation procedures and FOS manuals.	0	n/a
001	Delete FOS tape	0	n/a
022	CS80 Cartridge Tape Media	0	n/a
051	1600 bpi Magnetic Tape Media	0	n/a
200	Latest FOS version	0	n/a
220	Version MPE V/E T-MIT (2448)	0	n/a
230	Version MPE V/E T-Delta-1 (2510)	0	n/a

Product Number	Description	U.S. List Price (\$)	SMMC
240	Version MPE V/E T-Delta-2 (2531)	0	n/a
250	Version MPE V/E T-Delta-3 (2542)	0	n/a
260	Version MPE V/E U-Mit (2543)	0	n/a
270	Version MPE V/E T-Delta-4 (2607)	0	n/a
280	Version MPE V/E UA-MIT (2612)	0	n/a
290	Version MPE V/E T-Delta-5 MIT (2617)	0	n/a
300	Version MPE V/E UB-MIT (2624)	0	n/a
310	Version MPE V/E T-Delta-6 (2637)	0	n/a
320	Version MPE V/E UB-Delta-1 (2642)	0	n/a
322	Version MPE V/E UB-Delta-2 (2706)	0	n/a
600	HP 3000 Series 37, 37XE SPU	0	n/a
601	HP 3000 Series 39 SPU	0	n/a
602	HP 3000 Series 4X SPU	0	n/a
603	HP 3000 Series 5X SPU	0	n/a
604	HP 3000 Series 6X SPU	0	n/a
605	HP 3000 Series 70 SPU	0	n/a
606	MICRO 3000 Processor	0	n/a
607	MICRO 3000XE Processor	0	n/a
51453A	HP 3000 MPE XL Media Product. Includes FOS tape, software installation procedures and FOS manuals.	0	n/a
001	Delete FOS Tape	0	n/a
051	1600 bpi Magnetic Tape Media	0	n/a
062	6250 bpi Magnetic Tape Media	0	n/a
200	MPE XL Latest Release	0	n/a
201	MPE XL Release 1.0	0	n/a
630	S/930 Preconfigured System s/w includes FOS, ALLBASE/XL, and System Dictionary/XL.	0	n/a
730	Series 930 FOS software	0	n/a

**Vectra Office Systems** .....

72458A	Vectra 3000 Monochrome Model. Includes 640Kb memory, 1.2Mb flexible disc, 20Mb hard disc, serial/parallel card, DOS, AdvanceLink 2392, Multimode Video Adapter & Monochrome Monitor.	5,430	44
72459A	Vectra 3000 EGA Model. Includes 640Kb memory, 1.2Mb flexible disc, 20Mb hard disc, serial/parallel card, DOS, AdvanceLink 2392, EGA Adapter, and EGA monitor.	6,320	46

The following products cannot be ordered alone. They **MUST BE ORDERED** with one of the Vectra 3000's listed above:

68300F	Vectra Office Professional Software Package. Includes Executive MemoMaker, Lotus 1-2-3(r) from Lotus(r), Graphics Gallery, Executive Card Manager, Advance Mail, and HP Mouse.	1,450	n/a
68301F	Vectra Office Assistant Software Package. Includes AdvanceWrite III, Lotus 1-2-3(r) from Lotus(r), Graphics Gallery, Executive Card Manager, Advance Mail, and HP Mouse	1,700	n/a

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

044	Series 44, 48, 58 GIC cable upgrade	0
064	Series 64, 68, 70 GIC cable upgrade	0
30079A	General I/O Channel (GIC)	1,900
030	Specifies cable for Series 30	0
033	Specifies cable for Series 33	0
040	Specifies cable for Series 39,40,42,52	0
044	Specifies cable for Series 44,48,58	0
064	Specifies cable for Series 64,68,70	0
30079AN	Return Credit for General I/O Channel	-400
30087A	HP 3000 Series 44 I/O Expansion Kit	9,000
30143A	Series 6X, 70 I/O Adapter Module (IMB)	10,100
550	Replace -5.2V power supplies	5,700
30133AN	Return Credit for S/6X, 70 I/O Adapter	-2,000
30144A	ATP System Interface Board (SIB)	3,175
30144AN	Return Credit for ATP Interface Board	-800
30145A	ATP Direct Connect Port Controller, provides	6,590
001	Order once to provide Series 6X, 70 first	0
003	I/O bay junction panel.	0
002	Replace quantity 4 type 422 ports with	0
002	quantity 3 to replace all 12 ports. (Need to order	0
003	Order once to provide Series 6X, 70 second	0
042	I/O bay junction panel.	0
042	Expansion Package Cable. Always order	0
048	Expansion Package Cable. Order ONLY if	0
30145AN	Return Credit for ATP Direct Connect Port	-1,650
30155A	ATP Modem Port Controller	8,140
001	Order once to provide Series 6X, 70 first	0
003	I/O bay junction panel.	0
003	Order once to provide Series 6X, 70 second	0
042	Expansion Package Cable. Always order for	0
048	Expansion Package Cable. Always order for	0
30155AN	Return Credit for ATP Modem Port Controller	-2,050
30273A	Direct Connect Expansion Package. Comes	7,510
001	Deletes SIB	-910
002	Replaces quantity 4 type 422 ports with	0
042	quantity 3 to replace all 12 ports. (Need to order	0
048	Series 39,40,42,52 Cable	0
048	Series 44,48,58 Cable	0
30274A	Modem Expansion Package w/12 RS232C ports	-2,500
042	Series 39,40,42,52 cable	0
042	Series 44,48,58 cable	0

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 (\$) SMCM

2345A	Distributed Terminal Controller for connec-	7,100
015	tion of workstations to S/930. Includes AUI	0
241	Set for 220V operation	0
242	Delete AUI, MAU and tap; set unit for	-420
625	operation on ThinLAN.	0
803	Provide 6 25-pin RS232 modem ports	2,520
805	installed in the DTC.	0
2346A	Provide 8 5-pin RS422 ports installed	3,230
2346B	Add-On DTC Serial Interface Card. Provides	3,430
2346C	8 3-pin RS232 local ports.	0
19742A	Add-On DTC Serial Interface Card. Provides	2,720
19744A	6 25-pin RS232 modem ports.	0
2713A	Series 930 Floating Point Coprocessor	10,000
30018A	Series 930 third CIB adapter	15,000
30019A	Asynchronous Data Communications Controller	2,250
30019A	(ADCC) - Main	11
030	Series 30 internal cable	0
033	Series 33 internal cable	0
040	Series 39,40,40AR,42,52 internal cable	0
044	Series 44,48,58 internal cable	0
30018AN	Return Credit for ADCC-Main	-250
30019AN	Return Credit for ADCC-Extender	-100
030	Series 30,30R cable	0
033	Series 33,33R cable	0
040	Series 39,40,40R,42,52 cable	0
044	Series 44,48,58 cable	0
30021C	ADCC Upgrade Cable. Order one for each	395
040	existing ADCC beyond the first ADCC main.	0
044	Series 44, 48, 58 cable set	0
040	Series 39, 40, 42 cable set	0
30022A	General I/O Channel cable upgrade. Must order	450
040	with 1 of the following:	0
040	Series 39,40,42,52 GIC cable upgrade	0

Product Number	Description	U.S. List Price (\$)	SMMC
30274AN	Return Credit for Modem Expansion Package	-2,900	n/a
30276A	ATP for Meridian SL-1 Interface Port Controller. Standard with 12 4-wire RS-422 port connections to Meridian SL-1.	8,140	33
001	S/6X, 70 first I/O bay junction panel	0	n/a
003	S/6X, 70 second I/O bay junction panel	0	n/a
004	10 port connections to Meridian SL-1 PBX, and 2 modem ports for system console connection and dial-in diagnostics	0	n/a
042	Series 39,40,42,52 cable	0	n/a
048	Series 44,48,58 cable	0	n/a
30276AN	Return credit for Meridian SL-1 ATP	-2,050	n/a
30277A	ATP for Meridian SL-1 Interface Expansion Package. Standard with 12 4-wire RS-422 port connections to Meridian SL-1.	9,060	49
001	Deletes SIB	-910	n/a
004	10 port connections to Meridian SL-1 PBX, and 2 modem ports for system console connection and dial-in diagnostics	0	n/a
042	Series 39,40,42,52 cable	0	n/a
048	Series 44,48,58 cable	0	n/a
30277AN	Return credit for Meridian Expansion Pack	-2,900	n/a
30400A	Series 42/48 Firmware Upgrade for MPE V/E	2,850	0
040	Firmware for High Performance S/39, 42	0	0
044	Firmware for Series 48	0	-7
30459A	Peripheral Interface Channel for S/37,37XE	1,900	8
30459AN	Return credit for PIC	-350	n/a
30460AN	Return credit for TIC	-400	n/a
30464A	Expansion Bay and I/O Adapter (IMB) S/68A	30,000	78
251	Junction Panel	0	n/a
550	Replace -5.2V power supplies	5,700	0
30464AN	Return Credit for Expansion Bay & IMB	-6,000	n/a
30464B	Expansion Bay and I/O Adapter (IMB) S/68B,C	30,000	56
251	Junction Panel	0	n/a
30545AE	I/O Expansion box for 5-slot MICRO 3000XE (S/37A upgraded without extender opt.).	11,500	5
015	200-240 VAC system operation	0	0
34299AN	Return Credit for Special 48-Port ATP	-15,000	n/a
40290A	Advanced Terminal Processor/Modem for S/37	3,600	8
103	Provides 1 25-pin modem port and 7 3-pin RS232 direct connect ports	0	0
105	Provides 1 25-pin modem port and 7 5-pin RS422 direct connect ports	0	0
125	Provides 4 25-pin modem ports and 4 RS232 direct connect ports	0	0
40290AN	Return Credit for ATP/37	-600	n/a
<b>Memory Expansion</b> -----			
19748A	8Mb Main Memory for Series 930	20,000	35
30092AN	Return Credit for 512Kb memory for S/39,4X	-400	n/a
30092AR	512Kb memory module for S/39,4X (REMARKETED)	5,000	16
30094A	Series 44, 48 Memory Controller	1,600	13
30142A	1Mb Memory Module for S/6X, 70	6,000	55

7

Product Number	Description	U.S. List Price (\$)	SMMC
30142AN	Return Credit for S/6X, 70 1Mb memory module toward 30165A	-1,800	0
30142AR	1Mb Memory Module for S/6X, 70 (REMARKETED)	4,500	55
30161A	1Mb Memory Module for S/39, 4X	6,000	34
30161AN	Return Credit for 1Mb memory for S/39, 4X	-1,500	n/a
30161AR	1Mb Memory Module for S/39, 4X (REMARKETED)	4,000	34
30165A	4Mb Memory Module for S/6X, 70	20,000	40
30165AN	Return Credit for 4Mb memory for S/6X, 70	-12,000	n/a
30171AN	Return Credit for 256Kb memory for S/39,40,42	-200	n/a
30171AR	256Kb Memory for S/39,40,42 (REMARKETED)	2,600	8
30173A	2Mb Memory Module for S/42XP, 58	15,000	19
30173AN	Return Credit for 2Mb memory for S/42XP,58	-1,800	n/a
30173AR	2Mb memory for Series 42XP and Series 5X	8,000	19
30456A	1Mb Memory Module for Series 37, 37XE	6,000	10
30456AN	Return Credit for 1Mb memory for S/37, 37XE	-1,200	n/a
30461A	512Kb Memory Module for Series 37	2,500	4
30461AN	Return Credit for 512Kb card for S/37, 37XE	-500	n/a
30462A	2Mb memory module for S/37,MICRO,MICRO XE	8,500	24
30462AN	Return Credit on 2Mb memory for S/37,37XE	-2,400	n/a
30478A	2Mb Memory Module for Series 39, 4X or 5X	9,000	
30478AN	Return credit for 2Mb memory for S/4X,5X	-1,800	n/a
30479A	4Mb Memory Module for Series 39, 4X or 5X	18,000	
30479AN	Return credit for 4Mb memory for S/4X,5X	-3,600	n/a
30482A	4Mb memory module for MICRO 3000XE	17,000	11
30482AN	Return Credit for 4Mb memory	-4,800	n/a
30535A	4Mb memory upgrade for MICRO 3000	7,500	7
30538A	Disc caching for S/37XE 2Mb/4Mb configs	3,000	n/a

#### SYSTEM PROCESSOR UPGRADE PRODUCTS

HP's policy for upgrading HP 3000 systems mandates that systems being returned for credit must have been installed at customer's site at least 6 months. Customer must provide documentation of installation date or proof of support for at least 6 months.

#### Series 37, MICRO 3000 and MICRO 3000XE Upgrade Products -----

32450BH	S/37 to S/37XE upgrade w/1Mb, I/O expansion	15,500	12
015	220 VAC System Operation	0	0
190	Deletes 1Mb memory	-4,000	-10
30545A	Series 37 to MICRO 3000XE CPU Upgrade	8,500	18
015	200-240 VAS system operation	0	0
022	DUS software on cartridge tape media	0	0
051	DUS software on 1600 bpi tape media	0	0
250	I/O extender box for S/37A	8,000	5
502	Add 2Mb memory	7,000	24
503	Add 4Mb memory	14,000	11
30545AX	MICRO 3000 w/2Mb to MICRO 3000XE Upgrade with MICRO 3000XE SPU, 2Mb and PIC.	18,500	70
015	200-240 VAC system operation	0	0
022	DUS software on cartridge tape media	0	0
051	DUS software on 1600 bpi tape media	0	0
510	Expands memory to 4Mb	7,000	-13
633	Upgrade from 4Mb MICRO 3000	-4,000	0

8

Product Number	Description	U.S. List Price (\$)	SMMC
32545AH	Upgrade to MICRO 3000XE w/2Mb memory, system cabinet and PIC. Must order ATP/M separately.	29,500	70
015	200-240 VAC system operation	0	0
022	DUS software on cartridge tape media	0	0
051	DUS software on 1600 bpi tape media	0	0
510	Expands memory to 4Mb	7,000	-13
601	Upgrade pre-S/II or HP 2000 w/128Kb	-1,000	0
602	Upgrade from S/II w/128Kb	-1,000	0
603	Upgrade from S/III w/256Kb	-3,000	0
605	Upgrade from S/33A/B w/256Kb, 2649E	-2,000	0
606	Upgrade from S/33C/U w/256Kb, 2649E	-2,000	0
607	Upgrade from S/30A/B w/256Kb, 2649E	-2,000	0
608	Upgrade from S/30C/U w/256Kb, 2649E	-2,000	0
613	Upgrade from S/III w/256Kb, HP-1B Adapter	-3,500	0
636	Upgrade from HP250	-3,000	0
637	Upgrade from HP260	-2,500	0

#### Series 42 Upgrade Products

30542B	Series 40 to Series 42 Field Upgrade w/1Mb	11,000	34
190	Delete 1Mb Memory	-4,500	-34
409	Substitute MPE V/E for MPE V/P firmware	0	0
501	Add-on 1Mb memory	4,800	34
30550A	Series 39, 40 and 42 to 42XP Field Upgrade with new SPU and 2Mb memory.	40,000	56
022	DUS on cartridge tape	0	0
042	Price adjustment for disc caching (39HP, 42's)	-2,500	0
195	Delete 2Mb Memory	-7,500	-15
502	Add 2Mb memory	10,500	15
32542BH	Upgrade to the Series 42 (32542A) w/1Mb	36,000	200
015	220-240V/50 Hz operation	0	0
022	Software on magnetic tape cartridge	0	n/a
409	Substitute MPE V/E for MPE V/P	0	0
501	Add-On 1Mb memory for S/39, 4X or 5X	4,800	32
502	Add-on 2Mb memory (two 1Mb memory arrays)	9,600	68
601	Upgrade from pre-S/II or HP 2000 w/128Kb	-1,000	0
602	Upgrade from Series II w/128Kb	-1,000	0
603	Upgrade from Series III w/256Kb	-3,000	0
605	Upgrade from S/33A/B w/256Kb, 2649E	-2,000	30
606	Upgrade from S/33C/U w/256Kb, 2649E	-2,000	30
607	Upgrade from S/30A/B w/256Kb, 2649E	-2,000	15
608	Upgrade from S/30C/U w/256Kb, 2649E	-2,000	15
617	Upgrade from S/37 w/no memory	-4,000	0
618	Upgrade from S/37XE w/no memory	-7,000	0

#### Series 48 Upgrade Products

30548B	Series 44 to S/48 w/2Mb Field Upgrade. This newly manufactured product may contain remanufactured parts equal to new in performance.	14,000	34
190	Delete 1Mb memory	-6,000	-34
410	Substitute MPE V/E for MPE V/P firmware	0	-7

Product Number	Description	U.S. List Price (\$)	SMMC
501	Add-on 1Mb memory array	4,000	
32548BH	Upgrade to Series 48 (32548A) w/2Mb memory. This newly manufactured product may contain remanufactured parts equal to new in performance	71,200	313
015	220-240V operation	0	0
022	Software of cartridge tape media	0	n/a
410	Substitute MPE V/E for MPE V/P firmware	0	-7
501	Add-On 1Mb memory	4,800	34
601	Upgrade from pre-S/II or HP 2000 w/128Kb	-2,000	0
602	Upgrade from Series II w/128Kb	-2,000	0
603	Upgrade from Series III w/256Kb	-7,000	0
605	Upgrade from S/33A/B w/256Kb, 2649E	-2,500	30
606	Upgrade from S/33C/U w/256Kb, 2649E	-2,500	30
607	Upgrade from S/30A/B w/256Kb, 2649E	-2,500	15
608	Upgrade from S/30C/U w/256Kb, 2649E	-2,500	15
611	Upgrade from Series 40 w/no memory	-10,500	30
613	Upgrade from S/III w/256Kb, 30341A HP-1B	-8,000	15
614	Upgrade from Series 39 w/no memory	-8,000	15
615	Upgrade from Series 42 w/no memory	-13,500	30
617	Upgrade from Series 37 w/no memory	-5,000	0
618	Upgrade from Series 37XE w/no memory	-8,000	0

#### Series 52 Upgrade Products

30552C	Series 52 Field Upgrade w/4Mb memory	32,500	67
022	DUS on cartridge tape media	0	n/a
042	Adjustment for disc cache	-2,500	n/a
196	Delete 4Mb memory	-10,000	-26
502	Add 2Mb memory	7,200	19
503	Add 4Mb memory	14,400	26
32552CH	Upgrade to Series 52 with 4Mb memory. This newly manufactured product may contain remanufactured parts equivalent to new in performance.	41,200	233
015	220-240V/50 Hz single phase operation	0	n/a
022	DUS on cartridge tape media	0	n/a
502	Add-on 2Mb memory	7,200	19
503	Add-on 4Mb memory	14,400	26
601	Upgrade from pre-S/II or HP 2000 w/128Kb	-1,000	0
602	Upgrade from Series II with 128Kb memory	-1,000	0
603	Upgrade from Series III w/256Kb memory	-3,000	0
605	Upgrade from S/33 A/B w/256Kb, 2649E	-2,000	30
606	Upgrade from S/33 C/U w/256Kb, 2659E	-2,000	30
607	Upgrade from S/30 A/B w/256Kb, 2649E	-2,000	15
608	Upgrade from S/30 C/U w/256Kb, 2649E	-2,000	15
613	Upgrade from S/III w/256Kb, 30341A HP-1B	-3,000	15
617	Upgrade from Series 37 w/no memory	-4,000	0
618	Upgrade from Series 37XE w/no memory	-7,000	0
632	Upgrade from MICRO 3000 w/2Mb memory	-4,000	0
633	Upgrade from MICRO 3000 w/4Mb memory	-7,000	0
634	Upgrade from MICRO 3000XE w/no memory	-7,000	0
635	Upgrade from MICRO 3000XE-5 card	-8,000	0
636	Upgrade from HP250	-4,000	0
637	Upgrade from HP260	-3,500	0

Product Number	Description	U.S. List Price (\$)	SMMC
<b>Series 58 Upgrade Products</b>			
30558C	Series 58 Field Upgrade w/4Mb memory	32,500	29
022	DUS on cartridge tape media	0	n/a
048	Price adjustment for disc caching	-2,500	n/a
196	Delete 4Mb memory	-10,000	-26
502	Add 2Mb memory	7,200	19
503	Add 4Mb memory	14,400	26
32558CH	Upgrade to Series 58 w/4Mb memory. This newly manufactured product may contain remanufactured parts equivalent to new in performance.	71,200	237
015	220-240V/50Hz system operation	0	n/a
502	Add-on 2Mb memory	7,200	19
503	Add-on 4Mb memory	14,400	26
601	Upgrade from pre-S/II or HP 2000 w/128Kb	-2,000	0
602	Upgrade from Series II w/128Kb	-2,000	0
603	Upgrade from Series III w/256Kb	-4,000	0
605	Upgrade from S/33A/B w/256Kb, 2649E	-2,500	30
606	Upgrade from S/33C/U w/256Kb, 2649E	-2,500	30
607	Upgrade from S/30A/B w/256Kb, 2649E	-2,500	15
608	Upgrade from S/30C/U w/256Kb, 2649E	-2,500	15
611	Upgrade from Series 40 with no memory	-10,500	30
613	Upgrade from S/III with 30341A HP-IB	-5,000	15
614	Upgrade from Series 39 with no memory	-8,000	15
615	Upgrade from Series 42 with no memory	-13,500	30
617	Upgrade from Series 37 with no memory	-5,000	0
618	Upgrade from Series 37XE with no memory	-8,000	0
619	Upgrade from S/42XP, S/52 with 2Mb	-26,000	30
632	Upgrade from MICRO 3000 w/2Mb	-5,000	0
633	Upgrade from MICRO 3000 w/4Mb	-8,000	0
634	Upgrade from MICRO 3000XE with no memory	-10,000	0
635	Upgrade from MICRO 3000XE-5 card	-8,000	0
636	Upgrade from HP250	-4,500	0
637	Upgrade from HP260	-4,000	0
640	Upgrade from Series 52 w/2mb	-26,000	0
641	Upgrade from Series 52 w/4Mb	-28,000	0

<b>Series 68 Upgrade Products</b>			
30468A	Series 64A to 68A Field Upgrade w/1Mb memory	25,000	55
190	Delete 1Mb Memory	-8,000	-55
250	Add Expansion Bay and I/O Adapter (IMB)	25,000	58
251	Junction Panel	0	n/a
411	Substitute MPE V/P for MPE V/E firmware	0	n/a
30468B	Series 64B to 68B Field Upgrade w/1Mb memory	25,000	55
190	Delete 1Mb Memory	-8,000	-55
250	Add Expansion Bay and I/O Adapter (IMB)	25,000	58
251	Junction Panel	0	n/a
411	Substitute MPE V/P for MPE V/E firmware	0	0
32468CH	Upgrade to HP 3000 Series 68 w/4 Mb Memory	182,300	672
015	380V/50 Hz system operation	0	0
016	415V/50 Hz system operation	0	0
250	Add Expansion Bay and IMB	25,000	58

Product Number	Description	U.S. List Price (\$)	SMMC
251	Junction Panel	0	0
411	Substitute MPE V/P for MPE V/E firmware	0	0
601	Upgrade from pre-S/II or HP 2000 w/128Kb	-2,500	0
602	Upgrade from Series II w/128Kb memory	-3,000	0
603	Upgrade from Series III w/256Kb memory	-5,000	0
605	Upgrade from Series 33A/B w/256Kb, 2649E	-3,000	30
606	Upgrade from Series 33C/U w/256Kb, 2649E	-3,000	30
607	Upgrade from Series 30A/B w/256Kb, 2649E	-3,000	15
608	Upgrade from Series 30C/U w/256Kb, 2649E	-3,000	15
609	Upgrade from Series 44 with 1Mb memory	-13,000	30
611	Upgrade from Series 40 with no memory	-11,650	30
613	Upgrade from S/III w/256Kb, 30341A HP-IB	-6,000	0
614	Upgrade from Series 39 with no memory	-11,650	15
615	Upgrade from Series 42 with no memory	-15,000	30
616	Upgrade from Series 48 w/1Mb memory	-19,000	30
617	Upgrade from Series 37 with no memory	-6,000	0
618	Upgrade from Series 37XE with no memory	-11,500	0
619	Upgrade from Series 42XP or 52 w/2Mb	-24,000	30
620	Upgrade from Series 58 w/4Mb memory	-30,000	30
621	Upgrade from Series 39HP w/no memory	-13,800	0
622	Upgrade from Series 58 w/2Mb memory	-28,000	28

<b>Series 70 Upgrade Products</b>			
30443A	S/64A to S/70 Field Upgrade w/no memory	35,000	-196
250	Add expansion bay and IMB	25,000	80
251	Junction Panel	0	0
500	Add 4Mb memory	16,000	40
501	Add 8Mb memory	32,000	80
550	Replace -5.2V power supplies	5,700	-7
30443B	S/64B,C to S/70 Field Upgrade w/no memory	35,000	-205
250	Add expansion bay and IMB	25,000	58
251	Junction Panel	0	0
500	Add 4Mb memory	16,000	40
501	Add 8Mb memory	32,000	80
30444A	S/68A to S/70 Field Upgrade w/no memory	30,000	-196
250	Add expansion bay and IMB	25,000	80
251	Junction Panel	0	0
500	Add 4Mb memory	16,000	40
501	Add 8Mb memory	32,000	80
550	Replace -5.2V power supplies	5,700	-7
30444B	S/68B,C to S/70 Field Upgrade w/no memory	30,000	-205
250	Add expansion bay and IMB	25,000	58
251	Junction Panel	0	0
500	Add 4Mb memory	16,000	40
501	Add 8Mb memory	32,000	80
32471AH	Upgrade to HP 3000 Series 70 w/8Mb memory	146,200	507
015	380V/50 Hz system operation	0	0
016	415V/50 Hz system operation	0	0
250	Add expansion bay and IMB	25,000	58
251	Junction Panel	0	0
500	Add 4Mb memory	16,000	40
501	Add 8Mb memory	32,000	80
601	Upgrade from pre-S/II or HP2000 w/128Kb	-2,500	0



Product Number	Description	U.S. List Price (\$)	SMMC
602	Upgrade from Series 11 w/128Kb memory	-3,000	0
603	Upgrade from Series 111 w/256Kb memory	-5,000	0
605	Upgrade from Series 33A/B w/256Kb memory	-3,000	30
606	Upgrade from Series 33C/U w/26Kb memory	-3,000	30
607	Upgrade from Series 30A/B w/256Kb memory	-3,000	15
608	Upgrade from Series 30C/U w/256Kb memory	-3,000	15
609	Upgrade from Series 44 w/1Mb memory	-13,000	30
611	Upgrade from Series 40 w/no memory	-11,650	30
613	Upgrade from S/111 w/256Kb, 30341A HP-1B	-6,000	0
614	Upgrade from Series 39 w/no memory	-11,650	15
615	Upgrade from Series 42 w/no memory	-15,000	30
616	Upgrade from Series 48 w/1Mb memory	-19,000	30
617	Upgrade from Series 37 w/no memory	-6,000	0
618	Upgrade from Series 37XE w/no memory	-11,500	0
619	Upgrade from S/42XP or 52 w/2Mb memory	-24,000	30
620	Upgrade from Series 58 with 4Mb memory	-30,000	15
621	Upgrade from Series 39HP w/no memory	-13,800	15
622	Upgrade from Series 58 w/2Mb memory	-28,000	30
632	Upgrade from MICRO 3000 w/2Mb memory	-8,000	0
633	Upgrade from MICRO 3000 w/4Mb memory	-12,000	0
634	Upgrade from MICRO 3000XE w/no memory	-15,000	0
635	Upgrade from MICRO 3000XE-5 card	-12,000	0
636	Upgrade from HP250	-6,000	0
637	Upgrade from HP260	-5,000	0
640	Upgrade from Series 52 with 2Mb memory	-24,000	0
641	Upgrade from Series 52 with 4Mb memory	-26,000	0

**Series 930 Upgrade Products** -----

32480AH	Series 930 Preconfigured system upgrade w/16Mb memory, MPE XL FOS, ALLBASE/XL, System Dictionary/XL and manuals.	225,000	475
500	Add 8Mb memory	16,000	
601	Upgrade from pre-S/11 or HP2000 w/128Kb	-2,500	0
602	Upgrade from Series 11 w/128Kb memory	-3,000	0
603	Upgrade from Series 111 w/256Kb memory	-5,000	0
605	Upgrade from Series 33A/B w/256Kb memory	-3,000	0
606	Upgrade from Series 33C/U w/256Kb memory	-3,000	0
607	Upgrade from Series 30A/B w/256Kb memory	-3,000	0
608	Upgrade from Series 30C/U w/256Kb memory	-3,000	0
609	Upgrade from Series 44 w/1Mb memory	-13,000	0
611	Upgrade from Series 40 w/no memory	-11,650	0
613	Upgrade from S/111 w/256Kb, 30341A HP-1B	-6,000	0
614	Upgrade from Series 39 w/no memory	-11,650	0
615	Upgrade from Series 42 w/no memory	-15,000	0
616	Upgrade from Series 48 w/1Mb memory	-19,000	0
617	Upgrade from Series 37 w/no memory	-6,000	0
618	Upgrade from Series 37XE w/no memory	-11,500	0
619	Upgrade from S/42XP or S/52 w/2Mb memory	-24,000	0
620	Upgrade from Series 58 with 4Mb memory	-30,000	0
621	Upgrade from Series 39HP w/no memory	-13,800	0
622	Upgrade from Series 58 w/2Mb memory	-28,000	0
623	Upgrade from Series 64 w/2Mb memory	-62,000	0
624	Upgrade from Series 68 w/2Mb memory	-72,000	0

Product Number	Description	U.S. List Price (\$)	SMMC
625	Upgrade from Series 68 w/4Mb memory	-77,000	0
626	Upgrade from series 68 w/8Mb memory	-96,000	0
627	Upgrade from Series 70 w/2Mb memory	-96,000	0
628	Upgrade from Series 70 w/4Mb memory	-101,000	0
629	Upgrade from Series 70 w/8Mb memory	-120,000	0
632	Upgrade from MICRO 3000 w/2Mb memory	-8,000	
633	Upgrade from MICRO 3000 w/4Mb memory	-12,000	
634	Upgrade from MICRO 3000XE	-15,000	
635	Upgrade from MICRO 3000XE-5 Card	-12,000	
636	Upgrade from HP 250	-6,000	
637	Upgrade from HP 260	-5,000	
640	Upgrade from Series 52 with 2Mb memory	-24,000	
641	Upgrade from Series 52 with 4Mb memory	-26,000	

**HP 300 to HP 3000 Upgrades** -----

30076B	HP 300 to Series 42 Upgrade with 1Mb	37,900	215
015	220-240V/50 Hz Operation	0	0
022	Software on Cartridge Tape	0	n/a
409	Substitute MPE V/E for MPE V/P firmware	0	0
610	Return credit for HP300 Model 10 (31032A)	-3,400	0
615	Return credit for HP300 (31033A)	-3,400	0
620	Return credit for HP300 Model 20 (31034A)	-3,400	0
630	Return credit for HP300 Model 30 (31035A)	-3,400	0
650	Return credit for 31204A 128Kb Memory	-300	22
670	Return credit for 31030A HP300 Workst'n	-1,960	0
30085B	HP 300 to Series 48 Upgrade with 2Mb memory	65,600	300
015	220-240V/50 Hz Operation	0	0
022	Software on cartridge tape media	0	n/a
410	Substitute MPE V/E for MPE V/P	0	-7
610	Return credit for HP300 Model 10 (31032A)	-5,000	0
615	Return credit for HP300 (31033A)	-5,000	0
620	Return credit for HP300 Model 20 (31034A)	-5,000	0
630	Return credit for HP300 Model 30 (31035A)	-5,000	0
650	Return credit for 31204A 128Kb Memory	-400	22
670	Return credit for HP 300 workst'n (31030A)	-4,900	0

**PERIPHERALS**

**Disc Drives** -----

7906N	Return credit from 7906H/M/S. Must order option 001, 002, 003 or 004.	0	0
001	Return credit towards purchase of 7957A	-400	
002	Return credit towards purchase of 7958A	-800	
003	Return credit towards purchase of 7957A, 9144A or 35401A.	-1,000	
004	Return credit towards purchase of 7958A, 9144A or 35401A.	-1,400	
7908N	Return credit from 7908P/R, 7911P/R or 7942A. Must order option 001, 002, 003 or 004.	0	0
001	Return credit towards purchase of 7957A.	-300	
002	Return credit towards purchase of 7958A.	-600	
003	Return credit towards purchase of 7957A.	-900	

Product Number	Description	U.S. List Price (\$)	SMMC
	9144A or 35401A.		
004	Return credit towards purchase of 7958A, 9144A or 35401A.	-1,200	
7911P	28Mb Disc Drive with cartridge tape drive and 1 controller with 1m HP-IB Cable	13,750	57
001	Dedicated controller for cart. tape drive	1,840	25
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-12
7912N	Return credit from 7912P/R. Must order option 002 or 004.	0	0
002	Return credit towards purchase of 7958A, 7936H/XP or 7937H/XP.	-1,000	
004	Return credit towards purchase of 7958A, 7936H/XP, 7937H/XP, 9144A or 35401A.	-1,600	
7912P	65Mb Disc Drive with cartridge tape drive and 1 controller with 1m HP-IB cable	14,800	59
001	Dedicated controller for cart. tape drive	1,840	25
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-12
7914CN	Return credit from 7914CT. Must order option 002 or 004.	0	0
002	Return credit towards purchase of 7958A, 7936H/XP or 7937H/XP.	-3,000	
004	Return credit towards purchase of 7958A, 7936H/XP, 7937H/XP, 9144A or 35401A.	-3,600	
7914CT	132Mb Disc w/site installed 9144A cartridge tape drive, both mounted on 92211R mobile mini-rack cabinet.	17,350	79
015	220V/50 Hz operation	0	0
140	Deletes cartridge tape drive	-3,500	-14
7914N	Return credit from 7914P/R (opt. 140). Must order option 002 or 004.	0	0
002	Return credit towards purchase of 7958A, 7936H/XP, 7937H/XP.	-2,400	
004	Return credit towards purchase of 7958A, 7936H/XP, 7937H/XP, 9144A, or 35401A.	-3,000	
7914P	132Mb Disc Drive w/integral 67Mb tape cartridge	17,350	69
001	Dedicated controller for cart. tape drive	1,840	25
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-14
7914R	132Mb 2nd disc drive for installed 7914TD/ST ordered without 2nd disc drive (option 114)	17,350	69
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-15
7914ST	Mass Storage Subsystem consisting of 132Mb 7914 disc drive and 7974A 1/2" mag tape drive mounted in a 56" high cabinet.	30,500	154
002	Adds cartridge tape drive & 2nd controller	5,410	40
015	220V/50Hz single phase operation	0	0
114	Adds second 7914 (opt. 140) disc drive	13,830	54
800	Dual-density operation; 800/1600 bpi	2,500	17
7920HN	Return Credit for 7920H towards purchase of 7933H/XP, 7935H/XP, 7936H/XP or 7937H/XP.	-600	0

Product Number	Description	U.S. List Price (\$)	SMMC
7920MN	Return Credit for 7920M towards purchase of 7933H/XP, 7935H/XP, 7936H/XP or 7937H/XP.	-800	0
7920SN	Return Credit for 7920S towards purchase of 7933H/XP, 7935H/XP, 7936H/XP or 7937H/XP.	-600	0
7925HN	Return Credit for 7925H towards purchase of 7933H/XP, 7935H/XP, 7936H/XP or 7937H/XP.	-1,000	0
7925MN	Return Credit for 7925M towards purchase of 7933H/XP, 7935H/XP, 7936H/XP or 7937H/XP.	-1,200	0
7925SN	Return Credit for 7925S towards purchase of 7933H/XP, 7935H/XP, 7936H/XP or 7937H/XP.	-1,000	0
7933H	404Mb Fixed Media Disc Drive. Standard operating voltage 208V with 1m HP-IB cable	21,500	94
120	120V/50 Hz/60 Hz	0	n/a
210	208V for Canada	0	n/a
220	220V/60 Hz for Canada	0	n/a
221	220V/50 Hz for Continental Europe	0	n/a
222	220V/50 Hz for Switzerland	0	n/a
223	220V/50 Hz for Denmark	0	n/a
241	240V/50 Hz for United Kingdom	0	n/a
242	240V/50 Hz for Australia and New Zealand	0	n/a
7933HN	Return Credit from 7933H towards purchase of 7936H/XP or 7937H/XP.	-4,000	n/a
7933XN	Return Credit for 7933XP towards purchase of 7936HXP or 7937H/XP.	-4,500	n/a
7933XP	404Mb Fixed Media Disc Drive w/controller cache. Std operating 208V. 1m HB-IB cable.	23,000	84
120	120V/50 Hz/60Hz	0	n/a
210	208V for Canada	0	n/a
220	220V/60 Hz for Canada	0	n/a
221	220V/50 Hz for Continental Europe	0	n/a
222	220V/50 Hz for Switzerland	0	n/a
223	220V/50 Hz for Denmark	0	n/a
241	240V/50 Hz for United Kingdom	0	n/a
242	240V/50 Hz for Australia and New Zealand	0	n/a
7935H	404Mb removable media Disc Drive. Std. operating 208V. 1m HP-IB cable.	22,500	130
120	120V/50 Hz/60 Hz	0	n/a
210	208V for Canada	0	n/a
220	220V/60 Hz for Canada	0	n/a
221	220V/50 Hz for Continental Europe	0	n/a
222	220V/50 Hz for Switzerland	0	n/a
223	220V/50 Hz for Denmark	0	n/a
241	240V/50 Hz for United Kingdom	0	n/a
242	240V/50 Hz for Australia and New Zealand	0	n/a
7935XP	404Mb removable disc drive w/controller cache. Std. operating 208V. 1m HP-IB cable.	24,000	120
120	120V/50 Hz/60 Hz	0	n/a
210	208V for Canada	0	n/a
220	220V/60 Hz for Canada	0	n/a
221	220V/50 Hz for Continental Europe	0	n/a
222	220V/50 Hz for Switzerland	0	n/a
223	220V/50 Hz for Denmark	0	n/a
241	240V/50 Hz for United Kingdom	0	n/a
242	240V/50 Hz for Australia and New Zealand	0	n/a

Product Number	Description	U.S. List Price (\$)	SMCC
7936H	307Mb Fixed Media Disc Drive w/100-120V operation, 1m HP-IB cable. Cabinet required.	13,500	42
015	50 Hz operation	0	0
017	200-240V operation	0	0
7936XP	307Mb Fixed Media Drive w/controller cache, 100-120V operation, 1m HP-IB cable. Cabinet required.	15,500	44
015	50 Hz operation	0	0
017	200-240V operation	0	0
7937H	571Mb Fixed Media Disc Drive w/100-120V operation, 1m HP-IB cable. Cabinet required.	17,600	50
015	50 Hz operation	0	0
017	200-240V operation	0	0
7937XP	571Mb Fixed Media Drive w/controller cache, 100-120V operation, 1m HP-IB cable. Cabinet required.	19,600	52
015	50 Hz operation	0	0
017	200-240V operation	0	0
19511A	Cabinet to hold 2 7936/7937 disc drives	800	0
7945A	55Mb Disc Drive with 1m HP-IB cable	6,000	50
015	Voltage selector switch set for 230VAC operation for non-U.S. shipments.	0	n/a
550	Delete 1m HP-IB cable.	-80	n/a
7945AN	Return credit from 7945A towards purchase of 7958A, 7936H/XP or 7937H/XP.	-3,000	0
7946AN	Return credit from 7946A. Must order either option 002 or 004.	0	0
002	Return credit towards purchase of 7958A, 7936H/XP or 7937H/XP	-2,200	
004	Return credit towards purchase of 7958A 7936H/XP, 7937H/XP, 9144A or 35401A.	-3,000	
7957A	81Mb Fixed Disc Drive	5,200	35
015	230 VAC	0	0
550	Delete 1m HP-IB cable	-85	0
7958A	130Mb Fixed Disc Drive	7,700	37
015	230 VAC	0	0
550	Delete 1m HP-IB cable	-85	0
9123D	Series 68, 70 console 3.5" flexible disc drive	715	8
9133N	Return credit from 9133H/L, 9134H/L or 7941A. Must order option 001 or 002.	0	
001	Return credit towards purchase of 7957A	-300	
002	Return credit towards purchase of 7958A	-600	
9895A	Flexible Disc System. Must order option 010.	5,910	77
001	50 Hz operation	0	0
010	Single drive system (1.2Mb) w/manual for HP 3000 hook-up and use	-1,330	-41

#### Cartridge and Magnetic Tape Subsystems

35401A	1/4" Cartridge Autochanger Tape Subsystem	7,500	42
7970BR	800 bpi tape drive, 45 ips NRZI (REMARKETED)	5,887	108
015	Add 230V	0	n/a
236	M/E/F series master, no cabinet	2,528	n/a
334	Series III master, no cabinet	963	n/a

Product Number	Description	U.S. List Price (\$)	SMCC
7970EN	Return Credit for 7970E towards 7978B purchase	-1,000	n/a
7970ER	1600 cpi Tape Drive lo-boy cab. (REMARKETED)	5,900	108
015	Adds 230VAC	0	0
426	HP-IB initial master lo-boy cabinet	1,700	71
7971AR	Upright tape drive system (REMARKETED)	6,940	0
015	Add 230V	0	0
340	HP 300 HP-IB	3,000	n/a
7974A	1600 cpi/50 ips start/stop, 100 ips streaming magnetic tape subsystem w/HP-IB interface	14,000	100
800	Add 800 cpi NRZI format	3,000	17
7974AN	Return Credit for 7974A tape drive	-3,000	n/a
7978B	1600/6250 cpi, 75 ips streaming magnetic tape subsystem w/256Kb buffer, HP-IB interface	24,500	106
674	Return credit for 7974A tape drive	-1,000	n/a
676	Return credit for 7976A tape drive	-6,800	n/a
9144A	1/4" Cartridge Tape Drive (order cable)	3,500	14

#### Printers

2225A	150 cps InkJet dot matrix printer w/HP-IB interface, int'l character sets, bold & underline print enhancements, and raster graphics.	495	n/a
2225C	150 cps Inkjet dot matrix printer w/Centronics Interface (same features as 2225A).	495	n/a
2225D	150 cps Inkjet dot matrix printer w/RS-232C Serial Interface (same features as 2225A).	495	n/a
2225P	150 cps InkJet dot matrix printer with Centronics interface and battery operation (same features as 2225A).	495	n/a
2227A	192/48 cps wide carriage InkJet dot matrix printer w/Centronics & RS232C interfaces, int'l character sets, NLQ & draft print (same features as 2225A).	799	n/a
2228A	192/48 cps InkJet dot matrix printer with Centronics & RS-232C interfaces (standard).	599	n/a
2563B	55dBA dot matrix line printer (300 LPM) includes quietized cabinet, sound abatement and passive paper stacker.	7,350	52
U02	45-66 print hours per month		+20
U03	67-88 print hours per month		+43
U04	89-132 print hours per month		+83
<b>Character Sets</b>			
001	Line Draw, Math and Block	160	0
002	Replaces Standard w/Katakana8	0	0
003	High Density OCR Characters	160	0
004	High Density Roman8	160	0
005	High Density Italics Roman 8	160	0
006	High Density Katakana8	160	0
008	Barcodes + UPC/EAN	210	0
030	Line Draw, Arabic 8	160	0
031	High Density, Arabic 8	160	0
032	USASCII, Line Draw, Turkish 8	160	0

Product Number	Description	U.S. List Price (\$)	SMMC
033	High density, USASCII, Turkish 8	160	0
034	USASCII, Line Draw, Greek 8	160	0
035	High density, USASCII, Greek 8	160	0
036	USASCII, Line Draw, Hebrew 8	160	0
037	High density, USASCII, Hebrew 8	160	0
038	Line draw, Hebrew 7	160	0
039	High density, Hebrew 7	160	0
<u>Power Supplies</u>			
015	220 VAC, 50/60 Hz	0	0
016	100 VAC, 50/60 Hz	0	0
017	240 VAC, 50/60 Hz	0	0
<u>Graphics Support</u>			
022	128Kb Vector Graphics Board	1,570	0
023	512Kb Vector Graphics Board	3,145	0
024	HP Label Card	2,120	0
<u>Interfaces</u>			
049	RS-232 Interface	100	0
050	RS-422 Interface	205	0
052	Dataproducts shortline	105	0
053	Centronics Interface	105	0
054	Dataproducts longline	105	0
055	HP 3000 Multipoint	430	0
337	Series 37, MICRO 3000, MICRO 3000XE HP-IB	430	0
340	Series 39,40,42,52 HP-IB	430	0
344	Series 44,48,58 HP-IB	430	0
364	Series 64,68,70 HP-IB	430	0
393	Series 930 HP-IB w/4m cable, documentation.	430	0
<u>Convenience Options</u>			
068	3-Pack Ribbons (92158A)	82	0
114	Deletes quietized cabinet, paper stacker and sound abatement	-1,570	0
715	Service Documentation	70	n/a
25648	55 dBA; 600 LPM Printer w/quiet cabinet, sound enclosure, passive paper stacker.	12,445	94
U02	71 - 129 print hours per month		+80
U03	130 - 240 print hours per month		+190
<u>Character Sets</u>			
001	Line Draw, Math and Block	160	0
002	Replaces std. with Katakana8	0	0
003	High Density OCR-A/B Characters	160	0
004	High Density Roman8	160	0
005	High Density Roman8 Italics	160	0
006	High Density Katakana8	160	0
008	Bar Codes (3-of-9, 2-of-5, UPC, EAN)	210	0
009	12, 13.3 cpi Roman8	160	0
012	12, 15 cpi Roman8	160	0
013	13.3, 15 cpi Roman8	160	0
<u>Power Supplies</u>			
015	220 VAC, 50/60 Hz	0	0
016	100 VAC, 50/60 Hz	0	0
017	240 VAC, 50/60 Hz	0	0
<u>Graphics Support</u>			
022	128Kb Vector Graphics Board	1570	0
023	512Kb Vector Graphics Board	3145	0

Product Number	Description	U.S. List Price (\$)	SMMC
024	Graphics option	2120	8
<u>Interfaces and Subsystems</u>			
030	Low Density. Line Draw Arabic-8	160	0
031	High Density. Arabic-8	160	0
032	Low Density. USASCII, Line Draw, Turkish-8	160	0
033	High Density. USASCII, Turkish-8	160	0
034	Low Density. USASCII, Line Draw, Greek-8	160	0
035	High Density. USASCII, Greek-8	160	0
036	Low Density. USASCII, Line Draw, Hebrew-8	160	0
037	High Density. USASCII, Hebrew-8	160	0
038	Low Density. Line Draw, Hebrew-7	160	0
039	High Density. Hebrew-7	160	0
049*	RS-232 interface subsystem	205	0
050*	RS-422 interface subsystem	205	0
052*	Dataproducts, shortline	105	0
053*	Centronics I/O subsystem	105	0
054*	Dataproducts, longline	105	0
337	HP 3000 37 HP-IB subsystem	535	0
340	HP 3000 39,40,42,52 subsystems	535	0
344	HP 3000 44,48,58 HP-IB subsystems	535	0
364	HP 3000 64,68, 70 HP-IB subsystems	535	0
393	Series 930 HP-IB w/4m cable, documentation	535	0
*-Printer interface cable not included.			
<u>Convenience Options</u>			
068	3-Pack Ribbons (92158A)	82	0
114	Deletes quietized cabinet, paper stacker & sound abatement, adds non-quiet cabinet.	-1,450	0
510	Extended Capabilities (opts 004,005,008,068)	545	0
715	Service Documentation	75	n/a
25668	900 LPM Printer	21,766	219
U02	105 - 187 print hours per month		+146
U03	188 - 360 print hours per month		+432
<u>Character Sets</u>			
001	Line Draw, Math and Block	160	0
002	Replaces std. with Katakana8	0	0
003	High Density OCR-A/B Characters	160	0
004	High Density Roman8	160	0
005	High Density Roman8 Italics	160	0
006	High Density Katakana8	160	0
008	High Density Bar Codes (3of9,2of5,UPC,EAN)	210	0
009	12, 13.3 cpi Roman8	160	0
012	12, 15 cpi Roman8	160	0
013	13.3, 15 cpi Roman8	160	0
<u>Power Supplies</u>			
015	220 VAC, 50/60 Hz	0	0
016	100 VAC, 50/60 Hz	0	0
017	240 VAC, 50/60 Hz	0	0
<u>Graphics Support</u>			
021	Enables for higher compressed, double-sized and graphics speeds.	2,000	0
022	128Kb Vector Graphics Board	1,570	0
023	512Kb Vector Graphics Board	3,145	0
024	Graphics option	2,120	0
<u>Interfaces and Subsystems</u>			

Product Number	Description	U.S. List Price (\$)	SMMC
030	Low Density. Line Draw, Arabic-8	160	0
031	High Density. Arabic-8	160	0
032	Low Density. USASCII, Line Draw Turkish-8	160	0
033	High Density. USASCII, Turkish-8	160	0
034	Low Density. USASCII, Line Draw, Greek-8	160	0
035	High Density. USASCII, Greek-8	160	0
036	Low Density. USASCII, Line Draw, Hebrew-8	160	0
037	High Density. USASCII, Hebrew-8	160	0
038	Low Density. Line Draw, Hebrew-7	160	0
039	High Density. Hebrew-7	160	0
049*	RS-232 interface subsystem	325	0
050*	RS-422 interface subsystem	325	0
052*	Dataproducts shortline	105	0
053*	Centronics I/O subsystem	325	0
054*	Dataproducts longline	105	0
337	HP 3000 37 HP-IB subsystem	535	0
340	HP 3000 39,40,42,52 subsystem	535	0
344	HP 3000 44,48,58 HP-IB subsystems	535	0
364	HP 3000 64,68,70 HP-IB subsystems	535	0
393	HP 3000 930 HP-IB subsystem	535	0
*-Printer interface cable not included.			
<u>Convenience Options</u>			
T15	Passive paper stacker	370	0
500	Extend Capabilities Pkg (opts 004,005,115)	525	0
715	Service Documentation	75	n/a
2567B	1200 LPM PRINTER	28,050	233
U02	105 - 187 print hours per month		+160
U03	188 - 360 print hours per month		+476
<u>Character Sets</u>			
001	Line Draw, Math and Block	160	0
002	Replaces std. with Katakana8	0	0
003	High Density OCR-A/B Characters	160	0
004	High Density Roman8	160	0
005	High Density Roman8 Italics	160	0
006	High Density Katakana8	160	0
008	High Density Bar Codes (3of9,2of5,UPC,EAN)	210	0
009	12, 13.3 cpi Roman8	160	0
011	High-speed draft quality characters	2,000	0
012	12, 15 cpi Roman8	160	0
013	13.3, 15 cpi Roman8	160	0
014	Low density. Adds high speed, draft quality Roman-8 (uppercase only).	2,000	0
<u>Power Supplies</u>			
015	220 VAC, 50/60 Hz	0	0
016	100 VAC, 50/60 Hz	0	0
017	240 VAC, 50/60 Hz	0	0
<u>Graphics Support</u>			
022	128Kb Vector Graphics Board	1,570	0
023	512Kb Vector Graphics Board	3,145	0
024	Graphics option	2,120	0
<u>Interfaces and Subsystems</u>			
030	Low Density. Line Draw, Arabic-8	160	0
031	High Density. Arabic-8	160	0
032	Low Density. USASCII, Line Draw Turkish-8	160	0

Product Number	Description	U.S. List Price (\$)	SMMC
033	High Density. USASCII, Turkish-8	160	0
034	Low Density. USASCII, Line Draw	160	0
035	High Density. USASCII, Greek-8	160	0
036	Low Density. USASCII, Line Draw, Hebrew-8	160	0
037	High Density. USASCII, Hebrew-8	160	0
038	Low Density. Line Draw, Hebrew-7	160	0
039	High Density. Hebrew-7	160	0
049*	RS-232 interface subsystem	325	0
050*	RS-422 interface subsystem	325	0
052*	Dataproducts shortline	105	0
053*	Centronics I/O subsystem	325	0
054*	Dataproducts longline	105	0
337	HP 3000 37 HP-IB subsystem	535	0
340	HP 3000 39,40,42,52 subsystems	535	0
344	HP 3000 44,48,58 HP-IB subsystems	535	0
364	HP 3000 64,68,70 HP-IB subsystems	535	0
393	Series 930 HP-IB w/4m cable, documentation	535	0
*-Printer interface cable not included.			
<u>Convenience Options</u>			
T15	Passive paper stacker	370	0
500	Extend Capabilities Pkg (opts 004,005,115)	525	0
715	Service Documentation	75	n/a
2603A	48 cps Daisywheel Printer. RS232C interface. Letter quality, switch select volt. settings. Cable not included.	1,495	42
2932A	200 cps dot matrix impact printer. 136 col. wide. Includes graphics, Roman ext. USASCII, ISO, line draw & math char. sets. RS-232C interface std. Cable not included.	2,595	26
035	RS-422	50	0
042	Centronics Parallel	50	0
046	HP-IB Interface	150	0
2934A	200/67/40 cps dot matrix impact printer. Near letter/draft quality print. Includes courier cartridge, graphics & bar codes. RS-232C interface std. Cable not included.	2,995	30
034	Multipoint Synchronous (2nd - 9th terminal)	200	n/a
035	RS-422	50	n/a
039	Data Link	200	n/a
042	Centronics Parallel	50	n/a
046	HP-IB Interface	150	0
<u>Intelligent Page Printers</u>			
2680A	Intelligent Page Printer, 125,000 rotations:	84,400	607
U02	125,001 to 200,000 rotations		+333
U03	200,001 to 275,000 rotations		+614
U04	275,001 to 350,000 rotations		+849
U05	350,001 to 500,000 rotations		+1303
U06	500,001 to 650,000 rotations		+1655
U07	650,001 to 800,000 rotations		+1793
HP performed preventive maintenance charges include base MMC, UOX uplift, + charges listed below for print drum & developer.			
U21	0 to 125,000 rotations		+366

Product Number	Description	U.S. List Price (\$)	SMMC
U22	125,001 to 200,000 rotations		+796
U23	200,001 to 275,000 rotations		+1162
U24	275,001 to 350,000 rotations		+1523
U25	350,001 to 500,000 rotations		+2073
U26	500,001 to 650,000 rotations		+2806
U27	650,001 to 800,000 rotations		+3539
HP performed preventive maintenance charged separately when variable density print installed. Charges include base MMC, UOX uplift, + charges listed below for print drum and developer.			
U31	0 to 125,000 rotations		+645
U32	125,001 to 200,000 rotations		+1031
U33	200,001 to 275,000 rotations		+1419
U34	275,001 to 350,000 rotations		+2197
U35	350,001 to 500,000 rotations		+2579
U36	500,001 to 650,000 rotations		+3351
U37	650,001 to 800,000 rotations		+4125
015	208-240V/50 Hz operation	0	0
060	Graphics/Extended Memory Management	2,565	0
062	Variable Density Print	2,800	0
099	Replaces 8m cable with 2m cable	0	0
337	Series 37 cable, documentation	0	0
340	Series 39,40,42 cable, documentation	0	0
344	Series 44,48,58 cable, documentation	0	0
364	Series 64,68,70 cable, documentation	0	0
393	Series 930 cable, documentation	0	0
500	Forms Design Pkg. (w/opts. 062 & 525), 2393A w/5m RS232 cable. 36580A/81A must be ordered from SDC. Software support agreement req'd.	6,300	23
501	Graphics Pkg (w/opts 060 & 520). 36583A must be ordered from SDC. S/W support agreement required.	7,300	26
505	Add-on 256Kb memory module	4,550	6
520	1Mb Memory (deletes standard 256Kb)	5,100	26
521	1Mb Memory Addition	9,000	34
525	Vacuum Paper Splice	1,550	0
550	Label printing H/W for adhesive labels	4,500	0
2686A	LaserJet Personal Laser Printer 115V 60Hz, 4000 pages per month.	2,995	n/a
300	LaserJet Plus 115V, RS232C or parallel I/O	1,000	n/a
2686AB	LaserJet - 220V/50 Hz	3,150	n/a
300	LaserJet Plus 115V, RS232C or parallel I/O	1,000	n/a
2686AU	LaserJet - 240V/50 Hz	3,150	n/a
300	LaserJet Plus 115V, RS232C or parallel I/O	1,000	n/a
2686D	LaserJet 500+ (PLUS) 115V 8ppm Laser Printer PLUS with dual 250 sheet input bins	4,995	n/a
2686DB	LaserJet 500+ (PLUS) 220V 8ppm Laser Printer PLUS with dual 250 sheet input bins	5,150	n/a
2686DU	LaserJet 500+ (PLUS) 240V 8ppm Laser Printer PLUS with dual 250 sheet input bins	5,150	n/a
2688A	Text and Graphics Laser Printer. Requires 36580A and 36581A software support.	29,950	286
U02	10,001 to 20,000 pages		+116
U03	20,001 to 40,000 pages		+349

Product Number	Description	U.S. List Price (\$)	SMMC
U04	40,001 to 70,000 pages		+694
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 44,48,58 subsystem	0	0
364	Series 64,68,70 subsystem	0	0
393	Series 930 subsystem	0	0
2689A	45 ppm Laser Print for IBM 43XX, 303X, 308X, or IBM PCM.	99,950	733
015	50 Hz Power	0	0
062	Variable density print	2,550	0
099	2 Meter I/O cable	0	0
505	256Kb Memory	4,500	0
510	HPHPSLO output spooler under DOS/VSE	500	n/a
520	1Mb memory (deletes 256Kb standard)	5,100	26
525	Vacuum splice	1,025	0
550	Label printing H/W for adhesive labels	4,500	0
2689AM	Three 2689A Laser Printers	263,900	2100
015	220V/50 Hz Power	0	0
062	Variable Density Print	7,500	0
099	2m I/O cables	0	0
505	256Kb memory boards	13,350	0
525	Vacuum splice	3,000	0
2689AT	Two 2689A Laser Printers	185,000	1400
015	220V/50Hz power	0	0
062	Variable density print	5,000	0
099	2m I/O cables	0	0
505	256Kb memory boards	9,000	0
515	Vacuum splice	2,000	0
26050A	Label printing H/W for adhesive labels	5,000	0
26804B	2685 Laser Print Station, w/2 7945A disc drives, 9144 tape cartridge, & 2392A console terminal. Must order controller & print opt.	19,560	126
337	Model 37/XE controller	23,400	44
342	Model 42 controller	42,800	218
280	HP2680A Laser Printer, 125,000 rotations:	76,780	607
U02	125,001 to 200,000 rotations		+333
U03	200,001 to 275,000 rotations		+614
U04	275,001 to 350,000 rotations		+849
U05	350,001 to 500,000 rotations		+1303
U06	500,001 to 650,000 rotations		+1655
U07	650,001 to 800,000 rotations		+1793
HP performed maintenance charged separately:			
U21	0 to 125,000 rotations		+366
U22	125,001 to 200,000 rotations		+796
U23	200,001 to 275,000 rotations		+1162
U24	275,001 to 350,000 rotations		+1523
U25	350,001 to 500,000 rotations		+2073
U26	500,001 to 650,000 rotations		+2806
U27	650,001 to 800,000 rotations		+3539
HP performed maintenance charged separately when variable density print installed. Order in place of U2X option as follows:			

Product Number	Description	U.S. List Price (\$)	SMMC
U31	0 to 125,000 rotations		+645
U32	125,001 to 200,000 rotations		+1031
U33	200,001 to 275,000 rotations		+1419
U34	275,001 to 350,000 rotations		+2197
U35	350,001 to 500,000 rotations		+2579
U36	500,001 to 650,000 rotations		+3351
U37	650,001 to 800,000 rotations		+4125
288	HP2688A Laser Printer, 10,000 rotations:	29,950	286
U12	10,001 to 20,000 rotations		+116
U13	20,001 to 40,000 rotations		+349
U14	40,002 to 70,000 rotations		+694
015	220 VAC 50 Hz	300	0
017	240 VAC 50 Hz	300	0
060	2680A graphics firmware upgrade	2,565	0
062	2680A Variable Density Print	2,550	0
094	Forms Design Workst'n (w/2393A, 5m RS232 36580A/81A must be ordered from SDC. S/W support agreement required.	2,150	23
095	Deletes 9144A tape cartridge	-3,400	-14
096	Deletes 2392A console terminal	-1,320	-12
097	Deletes two 7945A disc drives	-14,550	-100
098	Add 7914ST disc/tape	27,500	154
503	2680A Graphics Pkg (w/2680A, opts. 060, 062, 520 & 525) 36583A must be ordered from SDC. S/W support agreement required.	14,550	26
505	Adds 256Kb memory to 2680A	4,550	6
520	Deletes 256Kb and replaces w/1024Kb memory	5,100	26
521	Adds 1024Kb memory to 2680A	9,000	34
525	Vacuum hold for 2680A paper splicing	1,025	0
550	Label printing H/W for adhesive labels	4,500	0
559	2Mb memory for Series 37	5,000	n/a

#### Graphics Plotters and Digitizers

7440A	ColorPro 8-Pen Graphics Plotter. Must order option 001 or 002.	1,295	n/a
001	RS-232-C Interface. Cable not included.	0	n/a
002	HP-IB Interface. Cable not included.	0	n/a
7475A	Graphics Plotter, 6-pen, B-size	1,895	13
001	RS-232-C interface	0	0
002	HP-IB interface	0	0
7510A	Color Film Recorder	13,900	n/a
7550A	Graphics Plotter. 8-pen, auto sheetfeeder, B-size, dual I/O, eavesdrop capability, HP-IB and RS-232C interfaces.	3,900	40
7570A	DraftPro, 8-Pen plotter	5,400	0
7580B	Drafting Plotter. D-size, dual I/O, eavesdrop capability, HP-IB & RS-232C interfaces.	9,900	106
7585B	Drafting Plotter. E-size, dual I/O, eavesdrop capability, HP-IB & RS-232C interfaces.	12,900	106
7586B	Drafting Plotter, E-size, roll feed, dual I/O	16,900	106
7595A	Draftmaster I, A4/A-AO/E size high performance 8-pen drafting plotter.	9,900	n/a

Product Number	Description	U.S. List Price (\$)	SMMC
7596A	Draftmaster II, A4/A-AO/E size plus roll-feed drafting plotter.	11,900	n/a
<b>Peripheral Upgrade Products and Add-On's</b>			
12745A	Master Disc Drive Controller upgrade to convert 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 (w/parallel interface for Series III), power cord and mounting hardware.	5,600	42
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
17510A	Extra 35mm Camera Module	2,500	0
17515A	Polaroid Instant Print Camera Module	1,600	0
17520A	Roll-feed Upgrade Kit for 7595A	2,500	n/a
17521A	Kanji Retrofit Kit for 7595A/7596A	350	n/a
17525A	B-size auto media handling kit for 7550A	160	n/a
17526A	A3 size auto handling kit for 7550A	160	n/a
26029A	Channel to interface 2680A laser printer to IBM and IBM PCM.	33,000	126
015	50 Hz Power	0	0
510	Output Writer-DOS/VSE	500	0
26053A	LaserJet to LaserJet PLUS Upgrade	1,995	0
26061A	Vector Graphics Board Upgrade Kit for 256X	0	0
022	128Kb Vector graphics board	1,670	0
023	512Kb Vector graphics board	3,245	0
26067B	Interface Upgrade Kit for 256X printers. Must order one option. Includes installation. Printer interface not included.	510	0
001	HP-IB Interface Kit	55	0
002	HP Multipoint Interface (2563A only)	55	0
003	RS-232 Interface	0	0
004	RS-422 Interface	55	0
005	2608A Compatible parallel I/F (2563A only)	385	0
006	Centronics interface	0	0
007	Dataproducts short-line Interface	0	0
008	Dataproducts long-line Interface	0	0
26072A	Master Magnetic Tape Drive HP-IB conversion kit (lo-boy cabinet)	4,365	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 Series 39/4X/6X,70 only).	-2,800	-54
26074A	Installation Kit for mounting the 7970B/E in the bottom rack of a 7971A cabinet.	460	n/a
26075A	Multiple System Access Selector. Order cables separately.	725	6
26077A	7970E Slave to Master Conversion Kit	2,950	6

Product Number	Description	U.S. List Price (\$)	SMCC
26078A	7971A upright Cabinet Kit	3,565	3
001	Additional hardware to mount 2nd drive	0	0
26080A	Add-on 256Kb memory module for 2680A and 26804A (field upgrade)	4,550	6
26084A	Variable Density Print for 2680A and 26804A (Field upgrade)	3,550	0
26085A	Add-on 1Mb memory for the 2680A and 26804A (field upgrade).	9,000	34
26086A	Add-on graphics, extended memory management for the 2680A and 26804A (field upgrade)	3,690	0
26088A	Upgrade 2687A to 2688A. Includes 10,000 pages per month.	21,150	166
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 44,48,58 subsystem	0	0
364	Series 64,68,70 subsystem	0	0
393	Series 930 subsystem	0	0
26095B	2631B Conversion Kit to RS-232-C	420	0
010	RS-232-C Serial Front Panel	125	0
26761B	Character set upgrade kit for 256X printers. Includes installation. Must order 1 option:	0	0
001	Line Draw, Math and Block	250	0
002	Katakana8	250	0
003	High Density OCR-A/B Characters	250	0
004	High Density Roman8	250	0
005	High Density Roman8 Italics	250	0
006	High Density Katakana8	250	0
008	Bar Codes (3-of-9, 2-of-5, UPC, EAN)	300	0
009	12, 13.3 cpi Roman 8 (256X "B" only)	250	0
010	Std. and High Density Arabic8 (2566A only)	500	0
011	High speed draft (1600 lpm; 2567B only)	2,000	0
012	12, 15 cpi Roman 8 (256X "B" only)	250	0
013	13.3, 15 cpi Roman 8 (256X "B" only)	250	0
014	For use w/2567B printer only	2,000	0
29085A	2932A interface upgrade kit (CE installable) standard RS-232-C I/F	150	n/a
035	Interface Upgrade Kit, RS-422 I/F	+50	n/a
042	Interface Upgrade Kit, Centronics I/F	+50	n/a
046	HP-IB Interface upgrade kit	150	0
29086A	2933A/2934A interface upgrade kit, standard RS-232-C I/F	150	n/a
034	Interface Upgrade Kit, multipoint I/F	+200	n/a
035	Interface Upgrade Kit, RS-422 I/F	+50	n/a
039	Interface Upgrade Kit, data link I/F	+200	n/a
042	Interface Upgrade Kit, Centronics I/F	+50	n/a
520	1Mb memory (deletes std. 256Kb)	5,100	26
046	HP-IB Interface Upgrade Kit	150	0
88700A	7974A 800 cpi NRZI Upgrade Kit	6,800	17

Product Number	Description	U.S. List Price (\$)	SMCC
88702A	7978A to 7978B Upgrade Kit	2,400	n/a
97520XP	7936H/7937H upgrade kit to 7936XP/7937XP	3,250	2
97930XP	7933H/7935H upgrade kit to 7933XP/7935XP. Includes installation.	3,500	-10
<b>Peripheral Accessories</b> -----			
<b>Disc and Tape Drive Accessories</b>			
12940A	Disc cartridge for 7906M/S	165	n/a
13356A	7925M/S Disc Pack	905	n/a
13394A	7920M/S Disc Pack	560	n/a
19512A	19" rackmount kit for 7936/7937 disc drives	100	0
88140LC	7911/7912/7914 67.1 Mb Certified Tape Cartridge	215	n/a
88140SC	7911/7912 16.7Mb Certified Tape Cartridge	160	n/a
92192C	Data cartridge magazine for 35401A	56	n/a
92195A	10 Double-Sided/Density 8" discs for 9895A	75	n/a
97935A	404Mb removable media module for 7935H	1,250	30
<b>256X and 26XX Printer Accessories</b>			
26030A	Forms tractor mechanism for 2603A	299	0
26030E	Triple-Bin sheetfeeder for 2603A w/dual-bin plus envelope bin	999	6
26060B	Extended Language PCA for 2566A. Must order option 028.	0	0
028	Adds right to left and Arabic printing	1,375	8
26062A	HP Label Card Graphics Upgrade Kit. Must specify option.	0	0
001	For 2563A printer	2,620	0
002	For 2563B printer	2,620	0
004	For 2564B printer	2,620	0
006	For 2566A printer	2,620	0
007	For 2566B printer	2,620	0
008	For 2567B printer	2,620	0
26069A	2611/19A line printer interface for S3X-7X.	3,683	23
26075A	Multiple system access selector for 2680A	725	6
26763A	Passive paper stacker for 2563A	365	0
26763B	Passive paper stacker for 2565A/2566A	370	0
26763C	Passive Paper stacker (for 2564B only).	345	0
26764A	Sound abatement attachment for 2563A	185	0
26764C	Sound attachment (for 2564B only).	560	0
30209AR	Line printer controller interface (REMARKETED)	900	6
92151C	12-pack Multi-strike ribbons for 2601A	78	n/a
92151D	12-pack Fabric ribbons for 2601A (1M/Character)	80	n/a
92151H	12-pack ribbons for 2602A	98	n/a
92177C	Sound Enclosure for 2601A w/sheetfeeder	435	n/a
92177D	Sound Enclosure for 2602 without sheetfeeder	435	n/a
92177G	Sound Enclosure for 2601 with sheetfeeder	595	n/a
92177Q	Single Bin Sheet Feeder for 2601A	495	n/a
92177R	Single Bin Sheet Feeder for 2602A	495	n/a
92180A	Toner for Laser page printers	450	n/a
92180D	Drum kit for Laser page printers	230	n/a
92181A	Toner Disposable Containers for Laser printers	83	n/a
92182A	Carrier for Laser printer (box of 24 bottles)	74	n/a
92182D	Developer for Laser printer (box of 6 bottles)	215	n/a



Product Number	Description	U.S. List Price (\$)	SMMC
92184A	Paper for Laser printer (45 boxes)	1,290	n/a
92270A	HP Roman 8 Courier 10	19.95	n/a
92270C	HP Roman 8 Prestige Elite	19.95	n/a
92270D	HP Roman 8 Letter Gothic 12	19.95	n/a
92270E	HP Roman 8 Italic 12	19.95	n/a
92270F	HP Roman 8 Eletto 12	19.95	n/a
92270G	HP Roman 8 Mikron 15	19.95	n/a
92270H	HP Roman 8 Kent PS	19.95	n/a
92270J	HP Roman 8 Modern PS	19.95	n/a
92270K	HP Roman 8 Esteem Pica 10	19.95	n/a
92270L	HP Roman 8 North Atlantic Courier 10	19.95	n/a
92270M	North Atlantic Letter Gothic 12	19.95	n/a
92270P	North Atlantic Mikron 15	19.95	n/a
92270Q	North Atlantic Modern PS	19.95	n/a
92270R	Prestige Elite 12 Legal (U.S. Only)	19.95	n/a
92271A	Multi-strike ribbon cartridge	16.00	n/a
92271B	Starter Kit. Contains 1 ribbon, 2 print wheels and word processing ruler.	53.95	n/a
92271E	Fabric Ribbon (box of 2)	45	n/a
<b>293X Printer Accessories</b>			
29340S	Single-bin sheetfeeder for the 2933A/2934A	395	5
010	Computability upgrade kit with date code 2424AXXXX and below only.	200	0
030	Upgrade kit only, sheetfeeder not included.	195	0
92154B	Print Head for 293X printer	140	n/a
92155L	3-Ribbon Pack (10 mil characters/ribbon)	72	n/a
92155M	3-Ribbon pack for OCR and barcode applications	79	n/a
92171G	Paper Catcher (table top) for 293X printer	48	n/a
92188A	Courier 10	100	n/a
92188B	Courier 12	100	n/a
92188E	Helv	100	n/a
92188G	OCR A	100	n/a
92188H	Italic 10	100	n/a
92188J	Italic 12	100	n/a
92188K	Orator	100	n/a
92188M	Prestige Pica 10	100	n/a
92188N	Prestige Elite 12	100	n/a
92188R	Letter Gothic 12	100	n/a
92188T	OCR B	100	n/a
92188U	Arabic 8	150	n/a
92188V	Greek 8	150	n/a
92188W	Turkish 8	150	n/a
92188X	Hebrew 7	150	n/a
92188Y	Hebrew 8	150	n/a
92211A	Sound Enclosure for 293X printers	595	n/a
<b>LaserJet Printer Accessories</b>			
33411AC	TMS/HELV base, USASCII, HP 3.5 disc format, font for LaserJet Plus printer (2686).	200	n/a
33411AD	TMS/HELV base, Roman-8, HP 3.5 disc format, font for LaserJet Plus printer (2686).	200	n/a
33411AE	TMS/HELV supplemental, USASCII, HP 3.5 disc format, font for LaserJet Plus printer (2686).	200	n/a

Product Number	Description	U.S. List Price (\$)	SMMC
33411AF	TMS/HELV supplemental, Roman-8, HP 3.5 disc format, font for LaserJet Plus printer (2686).	200	n/a
33411DA	Letter Gothic soft font for HP 150 format	200	n/a
33411EA	Prestige Elite family. 3.5" disc format. Font for LaserJet Plus printer. USASCII, Roman 8.	200	n/a
33412AC	TMS/HELV base, USASCII, Vectra (DOS) 5.25" disc format, font for LaserJet Plus printer (2686)	200	n/a
33412AD	TMS/HELV base, Roman-8, Vectra (DOS) 5.25" disc format, font for LaserJet Plus printer	200	n/a
33412AE	TMS/HELV supplemental, USASCII, Vectra (DOS) 5.25" disc format, font for LaserJet Plus	200	n/a
33412AF	TMS/HELV supplemental, Roman-8 Vectra (DOS) 5.25" disc format, font for LaserJet Plus	200	n/a
33412DA	Letter Gothic soft font Vectra/IBM format	200	n/a
33412EA	Prestige Elite family. Vectra (DOS). 5.25" disc format. Font for LaserJet Plus printer. USASCII Roman 8.	200	n/a
92214P	Universal support stand (for 2686 LaserJet)	275	n/a
92285A	2686 Toner Cartridge, black	115	n/a
92285B	Paper Tray, 8 1/2" x 11"	49	n/a
92285C	Paper Tray, 8 1/2" x 14"	49	n/a
92285D	Paper Tray, Metric A4	42	n/a
92285E	Paper Tray, Metric B5	42	n/a
92285F	Forward Collator	49.95	n/a
92285G	2686 toner cartridge, brown	139	n/a
92285P	Font organizer	42.95	n/a
92286A	Courier Font	225	n/a
92286B	TMS Proportional 1	225	n/a
92286C	International 1	225	n/a
92286D	Prestige Elite Font	225	n/a
92286E	Letter Gothic Font	225	n/a
92286F	TMS Proportional II	330	n/a
92286G	Legal Elite	225	n/a
92286H	Legal Courier	225	n/a
92286J	Math Elite	400	n/a
92286K	Math TMS	400	n/a
92286L	Courier Portrait and Landscape Font	330	n/a
92286M	Prestige Elite, Portrait/Landscape for HPWORD	330	n/a
92286N	Letter Gothic, Portrait/Landscape for HPWORD	330	n/a
92286P	TMS RMN Portrait/Landscape for HPWORD	330	n/a
92286Q	MEM01; For HPWORD support	330	n/a
92286R	Presentation 1	330	n/a
92286T	Tax	330	n/a
92286U	Forms Portrait	330	n/a
92286V	Forms Landscape	330	n/a
92286W	3-of-9/OCRA	400	n/a
92286X	EAN/UPD/OCRB	400	n/a
92286Y	PC Courier 1	330	n/a
<b>Jet Series Printer Accessories</b>			
36901A	HPHPSLO output spooler under DOS/VSE	500	
51605B	Blue ink print cartridge	12.95	n/a
51605G	Green ink print cartridge	12.95	n/a
51605R	Red ink print cartridge	12.95	n/a

Product Number	Description	U.S. List Price (\$)	SMMC
51630A	2-fold JetPaper (8.5x11") 500 sheet box	10.95	n/a
51630B	2-fold wide JetPaper (14 7/8x11") 500 sheet	15.95	n/a
51630D	2-fold wide JetPaper 2500 sheet box	75	n/a
51630J	Cut sheet JetPaper (8.5x11) 500 sheet box	12.95	n/a
51630L	Jet series labels 2000 label box	18.95	n/a
92171X	ThinkJet Printer Stand	59	n/a
92261A	Black ink print cartridge	9.95	n/a
92261G	QuietJet Plus wire paper catcher	20	n/a
92261N	2-fold Jet paper (8.5" x 11")	50	n/a
92261S	ThinkJet printer stand	49	n/a
92261T	QuietJet Plus printer stand	75	n/a
92287B	Paper tray, letter size, LaserJet 500 Plus	72	n/a
92287C	Paper tray, legal size, LaserJet 500 Plus	72	n/a
92287D	Paper tray, Metric A4 size, LaserJet 500 Plus	72	n/a
92287E	Paper tray, Metric B5 size, LaserJet 500 Plus	72	n/a
99250W	QuietJet Plus Dust Cover	25	n/a

**TERMINALS**

Interactive Display Terminals			PMMC
2392A	Display Terminal	1,375	6
015	230V 50Hz Operation	0	0
049	ANSI Operation	0	0
092	Port 2: 25-pin RS-232-C Interface	200	0
093	Port 2: 8-bit parallel Centronics-type interface	200	0
160	Extended Memory (adds up to 4 pages)	200	0
101	Swedish Character Set/keyboard	0	0
102	Norwegian Character Set/Keyboard	0	0
103	French Character Set/keyboard	0	0
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 (40242M)	85	0
302	European modem cable (40242M)	85	0
303	RS-232-C cable (40242C)	85	0
304	HP direct-connect type 232 cable (40242S)	85	0
305	Electro Magnetic Pulse protect cable (40242Y)	85	0
306	HP direct-connect type 422 cable (40242P)	85	0
2393A	Graphics Terminal	2,095	5
015	Delete U.S. Monitor, Add Intrn'l Monitor	0	0
046	Port 2: HP-IB Interface	200	0
049	ANSI X3.64 Operation	0	0

Product Number	Description	U.S. List Price (\$)	PMMC
060	Delete Monitor	-150	0
092	Port 2: 25 pin RS-232C Interface	200	0
093	Port 2: 8-bit Parallel Centronics Interface	200	0
101	Swedish Keyboard	0	0
102	Norwegian Keyboard	0	0
103	French Keyboard	0	0
104	German Keyboard	0	0
105	U.K. Keyboard	0	0
106	Spanish Keyboard	0	0
107	Canadian-French Keyboard	0	0
108	Canadian-English Keyboard	0	0
109	Italian Keyboard	0	0
110	Dutch Keyboard	0	0
111	Finnish Keyboard	0	0
112	Danish Keyboard	0	0
113	Swiss-German Keyboard	0	0
114	Swiss-French Keyboard	0	0
115	Spanish-Latin American Keyboard	0	0
116	Flemish Keyboard	0	0
301	U.S. Modem Cable (40242M)	85	0
302	European Modem Cable (40242M)	85	0
303	RS-232C Cable (40242C)	85	0
304	HP Direct-Connect type 232 (40242X)	85	0
305	EMP Protect Cable (40242Y)	85	0
306	HP Direct Connect RS-422 Cable (40242P)	85	0
2394A	Data Entry Terminal. Same options as 2392A except option 160 not included.	1,875	5
2397A	Color Graphics Terminal	3,295	6
015	Delete U.S. and add international monitor	0	0
046	Port 2: HP-IB Interface	200	0
049	ANSI X3.64 Operation	0	0
060	Delete Monitor	-500	0
092	Port 2: 25 Pin RS232C Interface	200	0
093	Port 2: 8-bit parallel Centronics Interface	200	0
101	Swedish Keyboard	0	0
102	Norwegian Keyboard	0	0
103	French Keyboard	0	0
104	German Keyboard	0	0
105	U.K. Keyboard	0	0
106	Spanish Keyboard	0	0
107	Canadian-French Keyboard	0	0
108	Canadian-English Keyboard	0	0
109	Italian Keyboard	0	0
110	Dutch Keyboard	0	0
111	Finnish Keyboard	0	0
112	Danish Keyboard	0	0
113	Swiss-German Keyboard	0	0
114	Swiss-French Keyboard	0	0
115	Spanish-Latin American Keyboard	0	0
116	Flemish Keyboard	0	0
301	U.S. Modem Cable (40242M)	85	0
302	European Modem Cable (40242M)	85	0
303	RS-232-C Cable (40242C)	85	0
304	HP direct-connect type 232 cable (40242X)	85	0

Product Number	Description	U.S. List Price (\$)	PMMC
305	EMP protect cable (40242Y)	85	0
306	HP direct-connect RS422 cable (40242P)	85	0

#### Data Collection and Industrial Terminals

3081A	Industrial Workstation Terminal	890	5
004	Alphanumeric keyboard	115	0
020	Mounting Bracket	95	n/a
052	Office Wand, 12m	160	5
053	Office Wand, 6m	160	5
054	Industrial Wand, 45m	290	8
055	Industrial Wand, 7m	290	8
056	Slot Reader, 6m	315	8
057	Slot Reader, 15m	315	8
39800A	Programmable bar code reader with 2 RS-232 ports and internal power supply.	1,150	7
39801A	Bar code reader with 2 RS-232 ports and internal power supply.	965	7
92920A	Standard DataComm Cable for 3081A (300m reel)	475	n/a
92921A	Special DataComm Cable for 3081A (300m reel)	705	n/a
92922A	4-Channel Adapter for 3081A	945	8
015	220V 50/60 Hz operation	0	0

#### Series 6X/70 System Console

45851A	Touchscreen II Base System (U.S. version). Basic console configuration must include Touchscreen II, disc drive (91230); cable (13242) each ordered separately, and console communication software. Console communication software, which enables Touchscreen II to function as system console, will automatically be shipped free of charge on a 3.5" floppy diskette with all new S/68's and 70's.	2,430	20
45851AC	French-Canadian version	2,430	20
45851AD	German version	2,430	20
45851AE	European Spanish version	2,430	20
45851AF	French version	2,430	20
45851AH	Dutch version	2,425	20
45851AK	ICOM version	2,425	20
45851AL	English-Canadian version	2,430	20
45851AN	Norwegian version	2,430	20
45851AP	Swiss-German version	2,430	20
45851AQ	Swiss-French version	2,430	20
45851AS	Swedish version	2,430	20
45851AU	United Kingdom version	2,430	20
45851AW	Flemish version	2,430	20
45851AX	Finnish version	2,430	20
45851AY	Danish version	2,430	20
45851AZ	Italian version	2,450	20

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

#### Terminal Accessories

13265A	300 Baud Modem Pod for 262X	500	0
13266A	Current Loop Converter for 262X Series	200	0
13266E	RS422 for ATP for 2622A or 2623A	125	0
001	For 2624A/B, 2626A/W	0	0
35723A	Touchscreen Accessory for 2393A and 2397A	400	0
40206A	Tilt/Swivel for 262X terminals (except 2627A)	130	0
92205A	Hayes Smartmodem 1200	550	0
92207A	Anti-Glare Filter for 262X terminals	110	n/a
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	590	4
92916A	Bar Code reader accessor for HP-HIL	590	4

#### COMMUNICATIONS

#### Datacomm Test Equipment

4925B	Bit Error Rate Tester	1,195	1
101	18183A RS-232C/V.24 Interface	390	0
102	18184A + 18185A combo V.35 Interface	570	0
4935A	Transmission Impairment Measuring Set (TIMS)	3,295	7
003	Battery plus P/AR	430	0
4947A	Transmission Impairment Measuring Set	7,900	n/a
4948A	In-Service TIMS	12,500	n/a
4951C	Protocol Analyzer (Portable - 19.2 kbps)	3,450	7
002	Delete disc drive	400	0
101	18174A RS-449/422A/423A POD	500	0
102	18180A RS-232C/V.24/RS449 combo POD	900	0
103	18179A RS-232C/V.24 POD w/Breakout Box	650	0
105	18177A V.35 POD	700	0
18331D	SNA, X.25 and DDCMP Analysis	350	0
18332D	"3270" Installation and Maintenance	350	0
4952A	Protocol Analyzer (Portable - 64 kbps)	6,450	9
002	Extended Memory Plus	1,500	0
101	18174A RS-449/422A/423A POD	500	0
102	18180A RS-232C/V.24/RS-449 combo POD	900	0
103	18179A RS-232C/V.24 POD	650	0
104	18260A X.21/RS-232C/V.24 POD	1,000	0
105	18177A V.35 POD	700	0
18261A	SNA decode software for 4952A	350	0
4953A	Protocol Analyzer (for Data Centers)	12,000	45
001	256Kb of RAM	1,000	12
100	18135A RS-232C/V.24 POD	1,150	6
101	18136A RS-449 POD	1,150	6

Product Number	Description	U.S. List Price (\$)	SMMC
104	18137A V.35 Interface	1,460	6
105	18139A MIL-188C POD	1,150	6
18153A	SNA decode software for 4953A	750	
18310A	SNA emulation software for 4953A	2,500	
18311A	SNA 3270 device exerciser for 4953A	1,000	
18312A	SNA LU6.2 node exerciser for 4953A	2,000	
4955A	Protocol Analyzer (for R&D)	19,680	87
001	BASIC Programming Language	1,200	
18150JA	X.25 Certification Test System for 4955A	2,500	
4971S	LAN Analyzer for IEEE 802.3/Ethernet	22,000	108
18212A	LAN Performance Analysis software	2,000	0

Datacomm Network Services		U.S. LIST PRICE	
		A	R
30239	Workstation Config. Select 1 option:	0	0
310	For Series 37	2,100	1,470
320	For Series 39-70	3,500	2,450
30245	SNA NRJE Network Remote Job Entry. Requires 30246A Link. Select 1 option:	0	0
310	For S/37, MICRO, MICRO XE (upto 9600 bps)	2,400	1,680
315	Upgrade S/37, MICRO, MICRO XE to S/39-70	3,600	2,520
320	For Series 39-70	6,000	4,200
30247	SNA IMF Interactive M/F Facility. Requires 30246A SNA Link. Select 1 option:	0	0
310	For S/37, MICRO, MICRO XE (upto 9600 bps)	3,500	2,440
315	Upgrade S/37, MICRO, MICRO XE to S/39-70	5,300	3,700
320	For Series 39-70	8,800	6,140
30248	RJE Remote Job Entry. Requires 30251A BSC Link. Select 1 option:	0	0
310	For S/37, MICRO 3000, MICRO 3000XE	1,500	1,064
315	Upgrade S/37, MICRO, MICRO XE to S/39-70	2,300	1,596
320	For Series 39-70	3,800	2,660
30249	MRJE Multileaving Remote Job Entry. Requires 30251A BSC Link. Select 1 option:	0	0
310	For S/37, MICRO 3000, MICRO 3000XE	2,400	1,680
315	Upgrade S/37, MICRO, MICRO XE to S/39-70	3,600	2,520
320	For Series 39-70	6,000	4,200
30250	IMF Interactive Mainframe Facility. Requires 30251A BSC Link. Select 1 option:	0	0
310	For S/37, MICRO 3000, MICRO 3000XE	3,700	2,590
315	Upgrade S/37, MICRO, MICRO XE to S/39-70	5,300	3,710
320	For Series 39-70	9,000	6,300
30252	HP LU 6.2 Base	0	0
310	For S/37, MICRO 3000, MICRO 3000XE	3,200	2,240
315	Upgrade S/37, MICRO, MICRO XE to S/4X-70	4,800	3,360
320	For Series 4X-70	8,000	5,600
30254	HP SNA Server. Requires SNA Link (30246A), LAN3000/V Link (30242A), NS3000/V (32344), and SNA IMF (30247) or SNA NRJE (30245). Also requires HP SNA Server Access (30255 or 30256) installed on HP 3000 processor	0	0

Product Number	Description	U.S. LIST PRICE	
		A	R
310	attached over LAN. Select 1 option: For S/37, MICRO 3000, MICRO 3000XE	1,000	700
320	For Series 39-70	1,000	700
30255	HP SNA Server Access/V. Requires LAN3000/V Link (30242A) and NS3000/V (32344A). Also requires HP SNA Server (30254) be installed on HP 3000 processor attached over LAN. Select 1 option:	0	0
310	For S/37, MICRO 3000, MICRO 3000XE	1,000	700
320	For Series 39-70	1,000	700
30256	HP SNA Server Access/XL. Requires LAN3000/XL Link (36921A) and NS3000/XL (36920). Also requires HP SNA Server (30254) be installed on HP 3000 processor attached over LAN. Select 1 option:	0	0
426	Upgrade from 30255, option 310 or 320	600	420
430	For Series 930	1,200	840
30205	MTS Multipoint Terminal Support Service for the HP 3000. Requires 30206A, 30207A or 30208A Link. Select 1 option:	0	0
310	For Series 30 and 33	2,200	1,540
320	For Series III, 39-70	2,200	1,540
32185	DS Network Services HP 3000 running MPE IV, V/R, V/E, V/P. Requires 30270A, 30271A, 32187A and/or 32188A Network Link. Select 1 option:	0	0
310	For Series 30, 33 and 37	1,600	1,120
320	For Series III, 39-70	5,500	3,850
32344	HP Network Services (NS/3000). Requires 30240A or 30242A link. Must order 1 option:	0	0
310	For Series 37	2,000	1,400
311	Series 37 upgrade from DS	2,500	1,750
320	For Series 39-70	5,500	3,850
321	Series 39-70 upgrade from DS	2,800	1,960
36920	HP Network Services (NS3000/XL) for MPE XL based systems. Select 1 option:	0	0
426	Upgrade from 32344A/R, option 320	3,750	2,625
430	For Series 930	7,500	5,250

Datacomm Network Links		U.S. List Price (\$)	SMMC
27212A	HP StarLAN Hub	1,375	0
28645A	ThinLAN HUB multiport repeater for IEEE 802.3 LAN's. Includes 30241A MAU and 5m AUI cable.	2,950	n/a
241	Deletes 30241A MAU and 5m AUI cable	-500	n/a
900	U.K. power cord	0	n/a
901	Australian power cord	0	n/a
902	European power cord	0	n/a
903	U.S./Canadian 125V power cord	0	n/a
904	U.S./Canadian 250V power cord	0	n/a

Product Number	Description	U.S. List Price (\$)	SMMC
906	Swiss power cord	0	n/a
912	Danish power cord	0	n/a
28647A	HP StarLAN Bridge (w/MAU and AUI cable)	5,000	0
241	Delete MAU and AUI cable	-500	0
30240A	OfficeShare LAN/3000 Link. Select 1 option:	0	4
100	For Series 37	3,025	16
241	Delete ThinMAU	-420	-4
300	For Series 39, 40, 42	7,000	32
400	For Series 44, 48, 58	7,000	32
500	For Series 64, 68, 70	7,000	32
30240AN	Return Credit for OfficeShare LAN/3000	0	n/a
100	Series 37	-400	n/a
200	Series 39-70	-1,250	n/a
30242A	LAN/3000 Link. Select 1 option:	0	12
100	For Series 37	3,025	16
241	Deletes MAU, TAP, and AUI	-706	-12
300	For Series 39, 40, 42	7,000	32
400	For Series 44, 48, 58	7,000	32
500	For Series 64, 68, 70	7,000	32
30242AN	Return Credit for LAN/3000 Link	0	n/a
100	Series 37	-400	n/a
200	Series 39-70	-1,250	n/a
30246A	SNA Link. For use with 30245A/R SNA NRJE and/or 30247A/R SNA IMF (1 SNA Link supports both services concurrently). Requires service contract for hardware. Select ONE combination Processor/Cable option:	0	0
<u>Processor Options</u>			
1	For S/37,MICRO,MICRO XE (up to 9600 bps)	5,200	29
3	For Series 39 through 42	8,650	55
4	For Series 44 through 70	8,650	55
190	For S/37,MICRO,MICRO XE (no hardware, upto 9600 bps)	2,050	n/a
390	For Series 39 through 42, no hardware	3,800	n/a
490	For Series 44 through 70, no hardware	3,800	n/a
<u>Cable Options</u>			
10	For Synchronous Modem connections	0	29
20	For High Speed Connection to V.35 Digital Phone Network upto 56 kbps (not supported on S/37,MICRO,MICRO XE above 9600 bps).	0	29
30246AN	Return Credit for SNA Link	0	n/a
100	Series 37	-750	n/a
200	Series 39-70	-1,250	n/a
30246AR	SNA Link (REMARKETED)	0	0
310	S/39-42 Sync Modem Connector	6,920	55
320	S/39-42 V.35 Modem Connector	6,920	55
410	S/44-70 Sync Modem Connector	6,920	55
420	S/44-70 V.35 Modem Connector	6,920	55
30251A	BSC Link. For use with 30248A/R RJE, 30249A/R MRJE, or 30250A/R IMF. Requires service contract for hardware. Select ONE combination Processor/Cable option:	0	0
<u>Processor Options</u>			
1	For S/37, MICRO 3000, MICRO 3000XE	3,800	29

Product Number	Description	U.S. List Price (\$)	SMMC
3	For Series 39-42	6,350	55
4	For Series 44-70	6,350	55
190	For S/37,MICRO,MICRO XE (no hardware)	385	n/a
390	For Series 39-42 (no hardware)	990	n/a
490	For Series 44-70 (no hardware)	990	n/a
<u>Cable Options</u>			
10	For Synchronous Modem connections	0	29
15	For X.21 Connection (For RJE only. Not supported on S/37,MICRO, MICRO 3000XE)	0	29
20	For High Speed Connection to V.35 Digital Phone Network, upto 56 kbps. (Not for use with IMF)	0	29
25	For Connection to Synchronous Modems with Auto Call. (Not for use with IMF)	0	29
30251AN	Return Credit for BSC Link	0	n/a
100	S/37, MICRO 3000, MICRO 3000XE	-750	n/a
200	Series 39-70	-1,250	n/a
30251AR	BSC Link (Remarketed)	0	0
310	S/39-40 Sync modem connector	4,600	55
320	S/39-42 V.35 connector	4,600	55
325	S/39-42 Sync Modem w/Auto Call	4,600	55
410	S/44-70 Sync Modem connector	4,600	55
420	S/44-70 V.35 connector	4,600	55
425	S/44-70 Sync modem w/Auto Call	4,600	55
30265A	HP StarLAN/3000 Link for S/37,MICRO family	3,025	0
30270A	Point-to-Point Hardwired Link for HP 3000. Requires HP 32185A/R Network Services Product. Select ONE combination Processor/Cable option:	0	0
<u>Processor Options</u>			
1	For Series 37	3,025	29
2	For Series III (Opt. 250 not available)	5,445	45
3	For Series 30 and 39 through 42	5,750	55
4	For Series 33 and 44 through 70	5,750	55
190	For Series 37, no hardware	805	n/a
290	For Series III, no hardware	805	n/a
390	For Series 30 and 39 thru 42, no hardware	905	n/a
490	For Series 33 and 44 thru 70, no hardware	905	n/a
<u>Cable Options</u>			
35	For high speed (up to 56 kbps) connection	0	29
40	For medium speed connection to HP 3000 w/SSLC	0	45
45	For high speed (up to 56 kbps) connection to HP 1000	0	45
30270AN	Return Credit Pt-to-Pt Hardwired Link	0	n/a
100	Series 37	-750	n/a
200	Series 39-70	-1,250	n/a
30271A	Point-to-Point Modem Link for HP 3000. Requires 32185A/R Network Services Product. Select ONE combination Processor/Cable option:	0	0
<u>Processor Options</u>			
1	For Series 37	3,025	29
2	For Series III (Opt. 225 not available)	5,445	45
3	For Series 30 and 39 through 42	5,750	55
4	For Series 33 and 44 through 70	5,750	55
190	For Series 37, no hardware	805	n/a

Product Number	Description	U.S. List Price (\$)	SMC
290	For Series III, no hardware	805	n/a
390	For Series 30 and 39 thru 42, no hardware	905	n/a
490	For Series 33 and 44 thru 70, no hardware	905	n/a
<b>Cable Options</b>			
-10	For connection to Synchronous Modem	0	29
-15	For X.21 Connection	0	29
-20	For high speed (up to 56 kbps) connection to V.35 digital phone network	0	29
25	Connection to Synchronous Modems w/Auto Call	0	29
30271AN	Return Credit for Pt-to-Pt Modem Link	0	n/a
100	Series 37	-750	n/a
200	Series 39-70	-1,250	n/a
30271AR	Point-to-Point Modem Link (REMARKETED)	0	0
310	S/39-42 Sync Modem	4,600	55
315	S/39-42 X.21 Network	4,600	55
320	S/39-42 V.35 Connector	4,600	55
325	S/39-42 Sync Modem w/Auto Call	4,600	55
410	S/44-70 Sync Modem	4,600	55
415	S/44-70 X.21 Network	4,600	55
420	S/44-70 V.35 Connector	4,600	55
425	S/44-70 Sync Modem w/Auto Call	4,600	55
30284A	NS Point-to-Pt 3000/V Link for S/37, MICRO 3000 or MICRO 3000XE. Compatible with NS3000/V Network Services (32344A/R). Must order 1 hardware and cable or 1 software option.	0	0
099	Delete documentation	0	
<b>Hardware Options</b>			
1	For S/37, MICRO, MICROXE software & hardware	3,025	
8	For S/37, MICRO, MICROXE, add-on INP	2,100	
<b>Cable Options</b>			
-10	Connection to synchronous modem	0	
-20	Connection to V.35 digital phone network	0	
-25	Connection to synchronous modem (auto call)	0	
<b>Software Options</b>			
D50	Upgrade from DS3000 pt-to-pt link (s/w only)	0	
D90	Software only, no hardware	2,100	
30285A	NS Pt-to-Pt 3000/V Link for Series 39-70. Compatible with NS3000/V Network Services (32344A/R). Must order 1 hardware and cable or 1 software option:	0	
099	Delete documentation	0	
<b>Hardware Options</b>			
3	For S/39-42 and 52, software & hardware	5,750	
4	For S/44, 48, 58-70, software & hardware	5,750	
7	For S/39-42, 52, add-on INP	4,025	
8	For S/44, 48, 58-70, add-on INP	4,025	
<b>Cable Options</b>			
-10	Connection to synchronous modem	0	
-20	Connection to V.35 digital phone network	0	
-25	Connection to synchronous modem (auto call)	0	
<b>Software Options</b>			
D50	Upgrade from DS3000 point-to-point link	0	
D90	Software only, no hardware	4,025	
32003A	Asynchronous HP SERIAL Network Link	0	0

Product Number	Description	U.S. List Price (\$)	SMC
100	For Series 3X and MICRO 3000 family	700	0
200	For Series 40 and 42	1,600	0
300	For Series 44, 48 and 5X	1,600	0
400	For Series 6X and 70	1,600	0
32026A	MTS Data Link Connection for HP 3000. Requires 32025A MTS Service. Select ONE combination Processor/Power option:	0	0
<b>Processor Options</b>			
2	For Series III	6,250	57
3	For Series 30 and 39 through 42	5,845	67
4	For Series 33 and 44 through 70	5,845	67
290	For Series III, no hardware	805	n/a
390	For Series 30 and 39 thru 42, no hardware	805	n/a
490	For Series 33 and 44 thru 70, no hardware	805	n/a
<b>Data Link Adapter Power/Local Options</b>			
-12	110/120 volt, local operation	0	57
-14	110/120 volt, remote operation	200	52
-24	220/240 volt, local operation	0	57
-26	220/240 volt, remote operation	200	52
32026AN	Return Credit for MTS Data Link	-1,250	n/a
32027A	MTS Synchronous Modem Link for HP 3000. Requires 32025A MTS Service. Select ONE combination Processor/Cable option:	0	0
<b>Processor Options</b>			
2	For Series III	5,400	45
3	For Series 30 and 39 thru 42	5,000	55
4	For Series 33 and 44 thru 70	5,000	55
290	For Series III, no hardware	805	n/a
390	For Series 30 and 39 thru 42, no hardware	805	n/a
490	For Series 33 and 44 thru 70, no hardware	805	n/a
<b>Cable Options</b>			
-10	For synchronous modem connections	0	0
-30	For local hardwired connections	0	0
32027AN	Return Credit for MTS Sync Modem Link	-1,250	
32028A	MTS IBM 3270 Device Link for HP 3000. Requires 32025A MTS Service. Select ONE combination Processor/Cable option:	0	0
<b>Processor Options</b>			
2	For Series III	5,445	45
3	For Series 30 and 39 through 42	5,040	55
4	For Series 33 and 44 through 70	5,040	55
290	For Series III, no hardware	805	n/a
390	For Series 30 and 39 thru 42, no hardware	805	n/a
490	For Series 33 and 44 thru 70, no hardware	805	n/a
<b>Cable Options</b>			
-10	For Synchronous Modem connections	0	45
-30	For Local Hardwired Connection	0	45
32028AN	Return Credit for MTS IBM 3270 Device Link	-1,250	n/a
32187A	X.25 Network Link for HP 3000 running MPE IV, V/R, V/E, V/P. Requires HP 32185A/R Network Services unless used solely for X.25 terminal I/O. Select ONE combination Processor/Cable option:	0	0
1	For Series 37	5,240	29
2	For Series III	7,960	45

Product Number	Description	U.S. List Price (\$)	SMMC
3	For Series 30 and 39 through 42	8,060	55
4	For Series 33 and 44 through 70	8,060	55
190	For Series 37, no hardware	2,520	n/a
290	For Series III, no hardware	3,330	n/a
390	For Series 30 and 39 thru 42, no hardware	3,562	n/a
490	For Series 33 and 44 thru 70, no hardware	3,562	n/a
<b>Cable Options</b>			
10	For Synchronous Modem Connection	0	29
20	For high speed (up to 56 kbps) connection to V.35 digital phone network	0	29
35	Direct Connect to HP 3000	0	29
32187AN	Return Credit for X.25 Network Link Series 37	0	n/a
100	Series 37	-750	n/a
200	Series 39-70	-1,250	n/a
32187AR	X.25 Link (REMARKETED)	0	0
310	S/39-42 Sync Modem	6,048	55
320	S/39-42 V.35	6,048	55
325	S/39-42 Direct Connector	6,048	55
410	S/44-70 Sync Modem	6,048	55
420	S/44-70 V.35	6,048	55
435	S/44-70 Direct Connector	6,048	55
32188A	Satellite Network Link for HP 3000 running MPE V/E, V/P. Requires 32185A/R Network Services. Available in U.S. only. Select 1 option:	0	55
300	For Series 39 through 42	20,160	55
400	For Series 44 through 70	20,160	55
390	For Series 39 through 42, no hardware	15,925	n/a
490	For Series 44 through 70, no hardware	15,925	n/a
32188AN	Return Credit for Satellite Network Link	-1,250	n/a
36921A	LAN3000/XL Link (LANLink) for MPE XL based systems. Includes Thick MAU and AUI cable.	0	26
241	Delete MAU and AUI cable	-424	-12
242	Substitute Thin MAU and AUI cable	0	-18
300	For Series 930	9,000	17
50900A	OfficeShare Network Server starter kit for Touchscreen PC	2,373	n/a
50900F	OfficeShare Network Server starter kit for Vectra PC	2,298	n/a
50901A	OfficeShare Network User Add-On Kit for Touchscreen PC	923	n/a
50901F	OfficeShare Network User Add-On Kit for Vectra/IBM PC's	848	n/a
50904F	HP StarLAN Server Kit for Vectra PC's	1,365	0
50905F	HP StarLAN User Link Kit for Vectra/IBM PC's	595	0
50907A	HP ThinLAN Server Kit for Touchscreen PC's	1,615	0
50709F	HP ThinLAN Server Kit for Vectra PC's	1,615	0
50908A	HP ThinLAN User Link Kit for Touchscreen PC's	895	0
50908F	HP ThinLAN User Link Kit for Vectra/IBM PC's	895	0
<b>Multipoint Terminal Communication Products</b>			
3074A	Data Link Adpter	715	12
015	220/240V operation	0	0
3074M	Data Link Adapter (asynch modem config)	820	7

Product Number	Description	U.S. List Price (\$)	SMMC
015	220/240V operation	0	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
<b>Statistical Multiplexers and Cluster Controllers</b>			
2333A	MTS Cluster Controller	2,000	17
015	230V/50Hz Operation	0	0
021	Data Link Host Adapter	225	0
022	RS-232-C Host Adapter	225	0
122	4-Port RS-232-C Interface	700	0
2334A	HP 2334A Plus - X.25 MULTIPLEXER	1,950	17
015	220V/50 Hz operation	0	n/a
100	Initial configuration	350	0
123	4 port modem control interface	850	0
30264A	Digital Multiplexed Interface (DMI) subsystem. Software required for installation.	200	0
30288A	Digital Multiplexed Interface for S/44-70	9,100	36
30288AN	Return Credit for Digital Multiplex Interface	-2,050	n/a
32060A	CODEX 2600 Series Rack Mount Kit	56	
32061A	CODEX 2600 Series Integral Dual Dial Restore	730	
32062A	CODEX 2600 Modem 4-Port Multiplexer Upgr Kit	785	
32064A	CODEX 2600 Modem 6-Port Multiplexer Upgr. Kit	1,345	
010	Side Channel Connection Cable (15ft/4.6m)	68	
020	Side Channel Connection Cable (30ft/9.1m)	80	
030	Side Channel Connection Cable (50ft/15.2m)	100	
32065A	CODEX 2620 Data Modem w/Integral 4-Port Multiplexer	4,675	
010	Delete Integral 4-port Multiplexer	-785	
030	Add Integral Dual Dial Restore (DDR) Unit	730	
32066A	CODEX 2640 Data Modem w/Integral 4-Port Multiplexer	6,805	
010	Delete Integral 4-Port Multiplexer	-785	
030	Add Integral Dual Dial Restore (DDR) Unit	730	
32067A	CODEX 2660 Data Modem w/Integral 4-Port Multiplexer	12,070	
010	Delete Integral 4-Port Multiplexer	-785	
020	Substitute 6-Port for 4-Port Multiplexer	560	
030	Add Integral Dual Dial Restore (DDR) Unit	730	
32068A	CODEX 2680 Data Modem w/Integral 4-Port Multiplexer	14,870	
010	Substitute 2-Port for 4-Port Multiplexer	-785	
020	Substitute 6-Port for 4-Port Multiplexer	560	
030	Add Integral Dual Dial Restore (DDR) Unit	730	
39301A	Fiber Optics Multiplexer. Must order 1 power supply and 1 documentation option.	2,500	18
001	Recessed Rack Mount Hardware	30	0

Product Number	Description	U.S. List Price (\$)	SMMC
210	100V/50 Hz Single Phase Operation	0	0
212	120V/60 Hz Single Phase Operation	0	0
222	220V/50 Hz Single Phase Operation	0	0
224	240V/50 Hz Single Phase Operation	0	0
301	Documentation for ATC Connection	0	n/a
302	Documentation for ADCC Connection	0	n/a
303	Documentation for ATP Connection	0	n/a
40220A	Cable between 2334A Plus and ADCC printer ports	65	0
40221A	Cable between 2334A Plus and ATP or ADCC terminal ports	65	0
40223B	Upgrade kit from 2334A to 2334A Plus	950	
001	Power supply change	0	
020	R232C interface card for 2333A installed with Data Link	550	
122	Upgrade 4 direct connect ports to 4 modem connect ports 2334A Plus	300	
40224B	Upgrade kit from 2334A to 2334A Plus	950	
023	Upgrade 4 direct connect ports to 4 modem connect ports 2334A Plus	300	
123	Upgrade 4 modem connect ports to 4 modem connect ports 2334A Plus	250	
40250A	4-Port Terminal Serial Interface for 2333A	820	0
40251A	Second Host System Adapter for 2333A	550	n/a
021	Data Link Host	0	n/a
022	RS-232-C Host	0	n/a
40261A	Additional 4 modem connect ports.	980	0
001	Upgrade 4 direct connect ports to 4 modem connect ports HP 2334A Plus.	-620	0

#### CABLES AND POWER LINE CONDITIONERS

##### Terminal/Plotter Cables Point-to-Point Connections

13222M	European Modem Cable (5m/16ft)	95	0
13222N	U.S. Hardwired/Modem Cable (5m/16ft)	95	0
13222P	HP Direct Connect 422 Cable (5m/16ft)	95	0
13222X	HP Direct Connect 232 Adapter Cable (5m/16ft)	95	0
13222Y	RS-232C EMP Protect Cable (5m/16ft)	54	0
13242M	European Modem Cable for 45851A (5m/16ft)	100	0
13242N	U.S. Modem Cable for 45851A (5m/16ft)	100	0
13242P	RS-422 ATP Interface Cable for 45851A (5m/16ft)	79	0
13242X	HP Direct Connect ATP 232 Cable 45851A (5m/16ft)	80	0
13242Y	EMP Protect Cable for Port 2 of 262X and 238X terminals, U.S. & Intercon only (5m/16ft)	95	0
17355D	RS232C for 7550A, male to female w/25-pin	60	n/a
17355F	RS232C for 7550A, female-to-female w/25-pin	60	n/a
17355M	RS232C for 7550A, male-to-male w/25-pin	60	n/a
17455A	Eavesdrop cable for 747X	75	0
17855A	RS-422A cable for 7550A (5m/16 ft)	200	0
40242M	RFI Filter Modem Cable for 2621B/2392A	95	0
40242Z	RFI Filter Modem Bypass Cable for 2621B	95	0
92217A	U.S. Hardwired/Modem Cable (15m/50ft)	110	n/a
92217B	European Modem Cable (15m/50ft)	110	n/a
92217D	RS-232-C EMP Protect Cable (15m/50ft)	110	n/a

Product Number	Description	U.S. List Price (\$)	SMMC
92218A	U.S. Modem Cable for Port 2 of 262X and 238X terminals, U.S. & Intercon only (15m/50ft)	110	n/a
92218B	European Modem Cable for Port 2 of 262X and 238X terminals (15m/50ft)	122	n/a
92218C	EMP Protect Cable for Port 2 of 262X and 238X terminals, U.S. & Intercon only (15m/50ft)	140	n/a
<b>Terminal Extender Cables Point-to-Point Connections</b>			
30062B	Data Set Cable (7.6m/25ft)	70	0
001	Replace with 15.2m (50ft)	35	0
30062C	Hardwired/Modem Extender Cable (7.6m/25ft)	115	0
001	Replace with 15.2m (50ft)	45	0
002	Replace with 30.5m (100ft)	105	0
30062D	Hardwire Extender Cable (7.6m/25ft)	70	0
30152A	Adapter Cable, 3 pin to 25 pin (5m/16ft)	180	n/a
30153A	HP-Direct Connect 232 Ext. Cable (15m/50ft)	205	n/a
30154A	HP-Direct Connect 422 Ext. Cable (30m/99ft)	205	n/a
40242C	RFI Filter Extender Cable for 2621B	95	0
<b>Advanced Terminal Processor Custom Cables</b>			
92179C	Shielded, 3-wire cable (max. 400m)	1.20/meter	n/a
92179D	Shielded, 5-wire cable (max. 400m)	1.50/meter	n/a
92215A	Hardwire Extender Cable (15m/50 ft.)	94	n/a
92224A	RS-232C connector kit, 4 ea. male	50	n/a
92224B	RS-232C connector kit, 4 ea. female	50	n/a
92225A	RS-422 connector kit, 4 ea. male	50	n/a
92225B	RS-422 connector kit, 4 ea. female	50	n/a
92229A	Crimp Tool for ATP connector kits	290	n/a

##### OfficeShare Cables and Connectors

27208A	ThinLAN Interface for Touchscreen PC	660	n/a
27210A	ThinLAN Interface for Vectra PC, IBM PC	660	n/a
92227A	1m with BNC connector	25	n/a
92227B	2m with BNC connector	27	n/a
92227C	4m with BNC connector	29	n/a
92227D	8m with BNC connector	33	n/a
92227E	16m with BNC connector	39	n/a
92227F	32m with BNC connector	51	n/a
92227G	64m with BNC connector	76	n/a
92227H	128m with BNC connector	126	n/a
92227J	PVC Jacket	.78/meter	n/a
92227K	FEB Jacket	3.35/meter	n/a
92227L	ThinLAN Connector Pair	22.50	n/a
92227M	ThinLAN Cable Tool Kit	450.00	n/a
92227N	ThinLAN BNC "T" Connector and Cover	27.50	n/a
92227P	ThinLAN Terminal Pair	23.00	n/a
92227Q	ThinLAN Loopback Connector	45.00	n/a
92227R	ThinLAN BNC "T" Connector Cover	19.50	n/a



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

**Multipoint Terminal Cables**

13232R	Multipoint Extension Cable (30m/100 ft.)	125	0
92902A	Data Link Cable (shielded twisted pair cable)	0	0
001	100m cable (330 ft.)	335	0
002	300m cable (990 ft.)	945	0
92905A	Device to Data Link Cable (2m/6.5 ft.)	121	0
92906A	Multipoint cable with no connectors		
001	100m cable (330 ft.)	410	0
002	300m cable (990 ft.)	1,165	0
92908A	Data link tester	210	0
92909A	Data link test cable (4m/12 ft.)	135	0

**Fiber Optic Multiplexer Cables**

39200B	Fiber Optic Cable	3.20/meter	0
001	Factory installed connector set	180	n/a
8120-3569	Dual Channel Adapter Cable	102	n/a

**HP-IB Cables**

10833A	HP-IB cable (1m/3.3 ft)	80	0
10833B	HP-IB cable (2m/6.5 ft)	90	0
10833C	HP-IB cable (4m/13.2 ft)	80	0
17570A	Plug-in HP-IB interface cartridge for 7570A	295	n/a
37203A	HP-IB Extender	1,285	0
37204B	HP-IB Extender for 256X,2680A,2688A printers	1,150	25

**INP Cables**

30221A	Synchronous Modem Cable (10m/33 ft.)	375	0
30221B	Asynchronous Multipoint Cable (10m/33 ft.)	375	0
30221D	High Speed Synchronous Modem Cable (10m/30 ft.)	270	0
30221F	HP 3000 to HP 1000 Direct Connect Cable. Requires 91712A cable.	375	0
30221G	Auto Call Cable (10m/33 ft.)	455	0
30221H	INP X.21 Cable (10m/33 ft.)	375	0
30224B	INP-to-INP Direct-Connect Cable. Requires 30224L cable.	270	0
30224C	INP to INP Direct Connect Cable for S/37	200	0
30224L	External Interconnect Cable (10m/33 ft.)	165	0
001	25m cable (82.5 ft.)	55	0
002	50m cable (165 ft.)	130	0
003	100m cable (330 ft.)	270	0
004	250m cable (825 ft.)	715	0
005	500m cable (1650 ft.)	1,430	0
006	1000m cable (3300 ft.)	2,915	0
30225B	INP-to-SSLC Direct-Connect Cable (5m/16.4 ft.)	335	0
30225C	INP to SSLC hardwired interconnect for S/37	335	0
30244A	Synchronous Modem Cable (RS-232C) for S/37	375	n/a
30244B	Asynchronous Modem Cable (RS-232) for S/37	375	n/a
30244D	High-Speed synch modem cable (CCITT V.35) S/37	475	n/a
30244F	INP to HP 1000 direct connect cable for S/37	275	n/a
30244G	Auto Call cable for S/37	500	n/a

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

**Power Line Conditioners**

INPUT: 92277A = 120V  
 92277B-P = 208V  
 INPUT PLUG: 92277A-B = 5-50P  
 92277C-F = 6-50P  
 92277G-L = Appleton  
 92277H-K = ADR6023BC  
 92277M-P = ADR1023CD  
 OUTPUT: 92277A-P = 120/240V

92277A	3 KVA Regulator. Single phase. Output receptacles: L14-20,8 (5-20R2).	3,853	n/a
92277B	3 KVA Regulator. Single phase. Output receptacles: L14-20,1(6-30),6(5-20R2).	3,853	n/a
92277C	5 KVA Regulator. Single phase. Output receptacles: L14-20,1(6-30),6(5-20R2).	4,348	n/a
92277D	5 KVA Regulator. Single phase. Output receptacles: L14-20,3(6-30),2(5-20R2).	4,348	n/a
92277E	5 KVA Regulator. Single phase. Output receptacles: L6-30,1(6-30),5(5-20R2).	4,348	n/a
92277F	5 KVA Regulator. Single phase. Output receptacles: L6-30,2(6-30),3(5-20R2).	4,348	n/a
92277G	8 KVA Regulator. Single phase. Output receptacles: L14-20,1(6-30),6(5-20R2).	4,728	n/a
92277H	8 KVA Regulator. Single phase. Output receptacles: L6-30,1(6-30),5(5-20R2).	4,728	n/a
92277J	8 KVA Regulator. Single phase. Output receptacles: L6-30,3(6-30),1(5-20R2).	4,728	n/a
92277K	8 KVA Regulator. Single phase. Output receptacles: 4(6-30),1(5-20R2).	4,728	n/a
92277L	10 KVA Regulator. Single phase. Output receptacles: L6-30,1(6-30),5(5-20R2).	5,258	n/a
92277M	10 KVA Regulator. Single phase. Output receptacles: L6-30,2(6-30),3(5-20R2).	5,258	n/a
92277N	10 KVA Regulator. Single phase. Output receptacles: L6-30,3(6-30),1(5-20R2).	5,258	n/a
92277P	10 KVA Regulator. Single phase. Output receptacles: 4(6-30),1(5-20R2).	5,258	n/a

**SOFTWARE**

**Languages**

31500A	COBOL II/XL Compiler. Supported on MPE XL based systems in Native Mode. Must order 1 SPU option:	0
426	Upgrade from COBOL II/V on Series III, 30, 33, 39-70 to COBOL II/XL on Series 930	2,000
430	First copy for use on Series 930	8,500
31500R	RIGHT-TO-COPY COBOL II/XL Compiler. Prior purchase of 31500A required. Must order 1 SPU option:	0
426	Upgrade from COBOL II/V on Series III, 30,	1,400

Product Number	Description	U.S. List Price (\$)
430	33, 39-70 to COBOL 11/XL on Series 930	
430	RTC for use on Series 930	5,950
31501A	HP FORTRAN 77/XL Compiler. Supported on MPE XL based systems in Native Mode. Must order 1 SPU option:	0
426	Upgrade from FORTRAN 77/V on Series 39-70 to FORTRAN 77/XL on Series 930	2,000
430	First copy for use on Series 930	7,000
31501R	RIGHT-TO-COPY HP FORTRAN 77/XL Compiler. Prior purchase of 31501A required. Must order 1 SPU option:	0
426	Upgrade from FORTRAN 77/V on Series 39-70 to FORTRAN 77/XL on Series 930	1,400
430	RTC for use on Series 930	4,900
31502A	HP Pascal/XL Compiler. Supported on MPE XL based systems in Native Mode. Must order 1 SPU option:	0
426	Upgrade from Pascal/V on Series III, 30, 33, 39-70 to Pascal/XL on Series 930	2,000
430	First copy for use on Series 930	7,000
31502R	RIGHT-TO-COPY HP Pascal/XL. Prior purchase of 31502A required. Must order 1 SPU option:	0
426	Upgrade from Pascal/V on Series III, 30, 33, 39-70 to Pascal/XL on Series 930	1,400
430	RTC for use on Series 930	4,900
32100A	SPL/V Compiler. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
310	First copy for use on S/37, MICRO's	1,090
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,635
320	First copy for Series III,30,33,39-70	2,725
426	Upgrade Series III,30,33,39-70 to S/930	0
430	First copy for use on Series 930	2,725
32100R	RIGHT-TO-COPY SPL/V Compiler. Prior purchase of 32100A required. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
310	RTC for use on S/37, MICRO's	770
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,210
320	RTC for use on Series III,30,33,39-70	1,910
426	Upgrade Series III,30,33,39-70 to S/930	0
430	RTC for use on Series 930	1,900
32102B	FORTRAN 66/V Compiler. Supported on MPE V based systems. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,050
310	First copy for use on S/37, MICRO's	1,000
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,050
320	First copy for Series III,30,33,39-70	2,050
32102R	RIGHT-TO-COPY FORTRAN 66/V Compiler. Prior purchase of 32102B required. Must order 1 SPU option:	0

47

Product Number	Description	U.S. List Price (\$)
300	BASIC/300 or RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
310	RTC for use on S/37, MICRO's	700
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	735
320	RTC for use on Series III,30,33,39-70	1,435
32104A	RPG/V Compiler. (Can be supported in conjunction with 99941A/R, PROCMON/3000). Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
310	First copy for use on S/37, MICRO's	1,200
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,800
320	First copy for Series III,30,33,39-70	3,000
426	Upgrade Series III,30,33,39-70 to S/930	0
430	First copy for use on Series 930	3,000
32104R	RIGHT-TO-COPY RPG/V Compiler. Prior purchase of 32104A required. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
310	RTC for use on S/37, MICRO's	840
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,260
320	RTC for use on Series III,30,33,39-70	2,100
426	Upgrade Series III,30,33,39-70 to S/930	0
430	RTC for use on Series 930	2,100
32105R	RIGHT-TO-COPY APL/V Compiler. Supported only on Series II, III, 30 or 33 systems. NOT supported on MPE V/P, V/E or in Compatibility Mode on MPE XL based systems. Prior purchase of 32105A required. Must order option 320.	0
320	RTC for use on Series II, III, 30 or 33	3,375
32106A	Pascal/V Compiler. Supported on MPE V based systems. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
310	First copy for use on S/37, MICRO's	2,000
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,000
320	First copy for Series III,30,33,39-70	5,000
32106R	RIGHT-TO-COPY Pascal/V Compiler. Prior purchase of 32106A required. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
310	RTC for use on S/37, MICRO's	1,400
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,100
320	RTC for use on Series III,30,33,39-70	3,500
32111A	BASIC/V Interpreter & Compiler. Supported on MPE V based systems. Must order 1 SPU option:	0
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,050
310	First copy for use on S/37, MICRO's	1,000
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,050
320	First copy for Series III,30,33,39-70	2,050

48

Product Number	Description	U.S. List Price (\$)
32111R	RIGHT-TO-COPY BASIC/V. Prior purchase of 32111A required. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
310	RTC for use on S/37, MICRO's	700
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	735
320	RTC for use on Series III,30,33,39-70	1,435
32115A	HP Business BASIC/V Interpreter & Compiler. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 SPU option:	0
300	BASIC/3000 Return Credit	-1,000
301	BASIC/250 Return Credit	-1,000
310	First copy for use on S/37, MICRO's	2,200
315	Upgrade S/37, MICRO's to S/39-70	3,300
320	First copy for use on Series 39-70	5,500
426	Upgrade Series 39-70 to Series 930	0
430	First copy for use on Series 930	5,500
32115R	RIGHT-TO-COPY HP Business BASIC/V. Prior purchase of 32115A req'd. Must order 1 SPU option.	0
300	BASIC/3000 Return Credit	-500
301	BASIC/250 Return Credit	-500
310	RTC for use on S/37, MICRO's	1,540
315	Upgrade S/37, MICRO's to S/39-70	2,310
320	RTC for use on Series 39-70	3,850
426	Upgrade Series 39-70 to Series 930	0
430	RTC for use on Series 930	3,850
32116A	HP FORTRAN 77/V Compiler. Supported on MPE V based systems. Must order 1 SPU option:	0
301	FORTRAN 66/3000 Return Credit	-1,000
302	FORTRAN Training Credit (must order 22961C)	-50
310	First copy for use on S/37, MICRO's	2,000
315	Upgrade S/37, MICRO's to S/39-70	3,000
320	First copy for use on Series 39-70	5,000
32116R	RIGHT-TO-COPY FORTRAN 77/V. Prior purchase of 32116A required. Must order 1 SPU option:	0
301	FORTRAN 66/3000 Return Credit	-500
310	RTC for use on S/37, MICRO's	1,400
315	Upgrade S/37, MICRO's to S/39-70	2,100
320	RTC for use on Series 39-70	3,500
32213R	RIGHT-TO-COPY COBOL/V Compiler. Prior purchase of 32213C required. Must order 1 SPU option:	0
310	RTC for use on S/37, MICRO's	350
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	525
320	RTC for Series III,30,33,39-70	875
32233A	COBOL II/V Compiler. Supported on MPE V based systems. Must order 1 SPU option:	0
300	BASIC/300 or RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
310	First copy for use on S/37, MICRO's	2,600
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,900
320	First copy for Series III,30,33,39-70	6,500
32233R	RIGHT-TO-COPY COBOL II/V. Prior purchase of 32233A req'd. Must order 1 SPU option:	0

Product Number	Description	U.S. List Price (\$)
300	BASIC/300 or RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
310	RTC for use on S/37, MICRO's	1,820
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,730
320	RTC for use on Series III,30,33,39-70	4,550
32234A	COBOL II extended instruction set for Series III. Includes firmware & diagnostic manuals. For systems shipped prior to 12/26/79 only.	700
32236A	COBOL II extended instruction set for Series 30/33. Includes firmware & diagnostic manuals. For systems shipped prior to 12/26/79 only.	700
<b>Information Management Tools</b> .....		
19550A	HP COPYCAT/3000 Disc to Disc back-up/file copy utility.	3,000
19550R	RIGHT-TO-COPY HP COPYCAT/3000	2,100
30302A	Silhouette/3000. Automatically maintains IMAGE and TurboIMAGE databases on other HP 3000 systems.	22,000
30302M	RIGHT-TO-COPY Silhouette/3000	9,000
31503A	COBOL II Developer's Package bundles Toolset development environment w/COBOL II compiler. Opts 310,315,320,015 supported on MPE V based systems. Opts 426,430,026 supported on MPE XL based systems. Must order 1 SPU option:	0
015	Upgrade 32233A opt.310 to 31503A opt.320	7,120
026	Upgrade 32233A opt.320 to 31503A opt.430	7,200
310	First copy for use on S/37, MICRO's	3,200
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	4,800
320	First copy for Series III,30,33,39-70	8,000
426	Upgrade Series III,30,33,39-70 to S/930	3,200
430	First copy for use on Series 930	12,400
31503R	RIGHT-TO-COPY COBOL II Developer's Package. Prior purchase of 31503A required. Must also order one of the following options:	0
310	RTC for use on S/37, MICRO's	2,240
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,360
320	RTC for use on Series III,30,33,39-70	5,600
426	Upgrade Series III,30,33,39-70 to S/930	2,240
430	RTC for use on Series 930	8,680
31504A	FORTRAN 77 Developer's Package bundles Toolset development environment w/FORTRAN 77 compiler. Opts 430/026 supported on MPE XL based system. Must order 1 of the following options:	0
026	Upgrade 32116A opt.320 to 31504A opt.430.	7,200
430	First copy for use on Series 930	11,200
31504R	RIGHT-TO-COPY FORTRAN 77 Developer's Package. Prior purchase of 31504A required. Must also order the following option:	0
430	RTC for use on Series 930	7,840
31505A	Pascal Developer's Package bundles Toolset development environment w/Pascal compiler. Opts 310, 315,320,015 supported on MPE V based systems. Opts	0

Product Number	Description	U.S. List Price (\$)
	426,430,026 supported on MPE XL based systems.	
	Must order 1 of the following options:	
015	Upgrade 32106A opt.310 to 31505A opt.320	6,400
026	Upgrade 32106A opt.320 to 31505A opt.430	7,200
310	First copy for use on S/37, MICRO's	3,200
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	4,800
320	First copy for Series III,30,33,39-70	8,000
426	Upgrade Series III,30,33,39-70 to S/390	3,200
430	First copy for use on Series 930	11,200
31505R	RIGHT-TO-COPY Pascal Developer's Package.	0
	Prior purchase of 31505A required. Must order 1 of the following options:	
310	RTC for use on S/37, MICRO's	2,240
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,360
320	RTC for use on Series III,30,33,39-70	5,600
426	Upgrade Series III,30,33,39-70 to S/930	2,240
430	RTC for use on Series 930	7,840
32180A	APS/3000 Application Program Sampler.	0
	Must order 1 SPU option.	
310	First copy for use on S/37, MICRO's	1,000
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	1,000
320	First copy for Series III,30,33,39-70	2,000
32180R	RIGHT-TO-COPY APS/3000. Prior purchase of 32180A required. Must order 1 SPU option.	0
310	RTC for use on S/37, MICRO's	700
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	700
320	RTC for use on Series III,30,33,39-70	1,400
32238A	OPT/3000 On-line Performance Tool. Must order 1 SPU option.	0
240	Credit if 228098 or 51406A is ordered	-1,000
310	First copy for use on S/37, MICRO's	2,560
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,840
320	First copy for Series III,30,33,39-70	6,400
32238M	RIGHT-TO-COPY OPT/3000. Prior purchase of 32238A required. Must order 1 SPU option.	0
240	Credit if 228098 or 51406A is ordered	-700
310	RTC for use on S/37, MICRO's	1,792
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,688
320	RTC for use on Series III,30,33,39-70	4,480
32244A	Dictionary/V Data Dictionary. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 of the following options:	0
310	First copy for use on Series 37	2,200
315	Upgrade Series 37 to Series III,30,33,39-70	3,300
320	First copy for Series III,30,33,39-70	5,500
426	Upgrade Series III,30,33,39-70 to S/930	0
430	First copy for use on Series 930	5,500
32244R	RIGHT-TO-COPY Dictionary/V Data Dictionary. Prior purchase of 32244A required. Must order with 1 of the following options:	0
310	RTC for use on Series 37	1,540
315	Upgrade Series 37 to Series III,30,33,39-70	2,310
320	RTC for use on Series III,30,33,39-70	3,850

Product Number	Description	U.S. List Price (\$)
426	Upgrade Series III,30,33,39-70 to S/930	0
430	RTC for use on Series 930	3,850
32245A	Report/V, report writer for data formatting. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must also order 1 of the following options:	0
310	First copy for use on S/37, MICRO's	2,000
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,000
320	First copy for Series III,30,33,39-70	5,000
426	Upgrade Series III,30,33,39-70 to S/930	0
430	First Copy for use on Series 930	5,000
32245R	RIGHT-TO-COPY Report/V. Prior purchase of 32245A required. Must also order 1 of the following options:	0
310	RTC for use on S/37, MICRO's	1,400
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,100
320	RTC for Series III,30,33,39-70	3,500
426	Upgrade Series III,30,33,39-70 to S/930	0
430	RTC for use on Series 930	3,500
32246A	Inform/V, inquiry and report generator. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Requires Dictionary/V. Must also order 1 of the following options:	0
310	First copy for use on S/37, MICRO's	2,400
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,600
320	First copy for Series III,30,33,39-70	6,000
426	Upgrade Series III,30,33,39-70 to S/930	0
430	First copy for use on a Series 930	6,000
32246R	RIGHT-TO-COPY Inform/V. Prior purchase of 32246A required. Must also order 1 of the following options:	0
310	RTC for use on S/37, MICRO's	1,680
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,520
320	RTC for Series III,30,33,39-70	4,200
426	Upgrade Series III,30,33,39-70 to S/930	0
430	RTC for use on Series 930	4,200
32247A	Transact/V. Provides high-level access to screens and TurboIMAGE databases. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must also order 1 of the following options:	0
310	First copy for use on S/37, MICRO's	2,400
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,600
320	First copy for Series III,30,33,39-70	6,000
426	Upgrade Series III,30,33,39-70 to S/930	0
430	First copy for use on Series 930	6,000
32247R	RIGHT-TO-COPY Transact/V. Prior purchase of 32247A required. Must also order 1 of the following options:	0
310	RTC for use on S/37, MICRO's	1,680
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,520
320	RTC for Series III,30,33,39-70	4,200

Product Number	Description	U.S. List Price (\$)
426	Upgrade Series III,30,33,39-70 to S/930	0
430	RTC for use on Series 930	4,200
32248A	Programmer Productivity Package, consists of Report/V, Transact/V, & Dictionary/V. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems.	13,000
32248R	RIGHT-TO-COPY Programmer Productivity Pkg. Prior purchase of 32248A required.	9,100
32249A	Rapid/V Processor, execute only for Transact/V and/or Report/V programs. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems.	500
32254A	HP System Dictionary/V Extensible Data Dictionary. Must order option 310, 315, 320, 801 or 802.	0
254	Early delivery on T-Delta-4, 5, 6 MIT	0
310	First copy for use on Series 37	2,600
315	Upgrade from Series 37 to Series 39-70	3,900
320	First copy for use on Series 39-70	6,500
801	Upgrade Dictionary/V (32244A/R) for S/37 to System Dictionary/V (32254A) for S/37	1,300
802	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary/V (32254A) for Series 39-70	3,250
32254R	RIGHT-TO-COPY HP System Dictionary/V Extensible Data Dictionary. Prior purchase of 32254A req'd. Must order option 310, 315, 320, 801, or 802.	0
254	Early delivery on T-Delta-4, 5 or 6 MIT	0
310	RTC for use on Series 37	1,820
315	Upgrade from Series 37 to Series 39-70	2,730
320	RTC for use on Series 39-70	4,550
801	Upgrade Dictionary/V (32244A/R) for S/37 to System Dictionary/V (32254R) for S/37	910
802	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary/V (32254R) for Series 39-70	2,275
32255A	HP System Dictionary COBOL Definition Extractor/V. Must order with 1 option:	0
310	First copy for use on Series 37	1,000
315	Upgrade Series 37 to Series 39-70	1,000
320	First copy for use on Series 39-70	2,000
801	Upgrade Dictionary/V (32244A/R) for S/37 to System Dictionary CDE/V (32255A) for S/37	500
802	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary CDE/V (32255A) for Series 39-70	1,000
32255R	RIGHT-TO-COPY HP System Dictionary COBOL Definition Extractor/V. Prior purchase of 32255A required. Must order 1 option:	0
310	RTC for use on Series 37	700
315	Upgrade from Series 37 to Series 39-70	700
320	RTC for use on Series 39-70	1,400
801	Upgrade Dictionary/V (32244A/R) for S/37 to System Dictionary CDE/V (32255R) for S/37	350
802	Upgrade Dictionary/V (32244A/R) for S/III,	700

Product Number	Description	U.S. List Price (\$)
	30,33,39-70 to System Dictionary CDE/V (32255R) for Series 39-70	0
32256A	System Dictionary/XL Extensible Data Dictionary. Must order with 1 option:	0
430	First copy for use on Series 930	9,750
431	Upgrade System Dictionary/V (32254A/R) for Series 39-70 to System Dictionary/XL (32256A) for Series 930	4,825
803	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary/XL (32256A) for Series 930	4,825
32256R	RIGHT-TO-COPY HP System Dictionary/XL Extensible Data Dictionary. Prior purchase of 32256A is required. Must order 1 option:	0
430	RTC for use on Series 930	6,825
431	Upgrade System Dictionary/V (32254A/R) for Series 39-70 to System Dictionary/XL (32256R) for Series 930	3,415
803	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary/XL (32256R) for Series 930	3,415
32257A	System Dictionary COBOL Definition Extractor/XL. Must order 1 option:	0
430	First copy for use on Series 930	3,000
431	Upgrade System Dictionary CDE/V (32255A/R) for Series 39-70 to System Dictionary CDE/XL (32257A) for Series 930	1,500
803	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary CDE/XL (32257A) for Series 930	1,500
32257R	RIGHT-TO-COPY HP System Dictionary COBOL Definition Extractor/XL. Prior purchase of 32257A required. Must order 1 option:	0
430	RTC for use on Series 930	2,100
431	Upgrade System Dictionary CDE/V (32255A/R) for Series 39-70 to System Dictionary CDE/XL (32257R) for Series 930	1,050
803	Upgrade Dictionary/V (32244A/R) for S/III, 30,33,39-70 to System Dictionary CDE/XL (32257R) for Series 930	1,050
32258A	Report Writer Package, consists of Report/V, Inform/V, and Dictionary/V. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems.	13,000
32258R	RIGHT-TO-COPY Report Writer Package. Prior purchase of 32258A required.	9,100
32350A	Toolset/V Program Develop Environ. Integrated w/editor, debugger, & versioning support for optional COBOL II/V or PASCAL/V compilers. Supported on MPE V based systems. Must order 1 of the following options:	0
310	First copy for use on S/37, MICRO's	2,000
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	3,000
320	First copy for Series III,30,33,39-70	5,000

Product Number	Description	U.S. List Price (\$)
32350R	RIGHT-TO-COPY Toolset/V. Prior purchase of 32350A req'd. Must order 1 SPU option:	0
310	RTC for use on S/37, MICRO's	1,400
315	Upgrade S/37, MICRO's to S/III,30,33,39-70	2,100
320	RTC for use on Series III,30,33,39-70	3,500
32353R	RIGHT-TO-COPY Transact Productivity Package. Consists on Transact/V, Inform/V and Report/V. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems.	5,000
32355R	RIGHT-TO-COPY Report Combination. Consists of Inform/V and Report/V. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems.	4,500
32425A	HP Visor/V. Interface to HPSQL/V databases.	0
310	First copy for use on S/37, MICRO's	4,000
315	Upgrade from S/37, MICRO's to S/39-70	6,000
320	First copy for use on Series 39-70	10,000
32425R	RIGHT-TO-COPY HP Visor/V	0
310	RTC for use on S/37, MICRO's	2,800
315	Upgrade from S/37, MICRO's to S/39-70	4,200
320	RTC for use on Series 39-70	7,000
36020A	TurboIMAGE DBchange/V. Capacity expansion and restructuring utility for TurboIMAGE databases. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must also order 1 of the following options:	0
310	First copy for use on S/37, MICRO's	2,000
315	Upgrade from S/37, MICRO's to S/39-70	3,000
320	First copy for use on Series 39-70.	5,000
426	Upgrade from Series 39-70 to Series 930.	0
430	First copy for use on Series 930.	5,000
36020R	RIGHT-TO-COPY TurboIMAGE DBchange/V. Prior purchase of 36020A required. Must also order 1 of the following options:	0
310	RTC for use on S/37, MICRO's	1,400
315	Upgrade from S/37, MICRO's to S/39-70	2,100
320	RTC for use on Series 39-70.	3,500
426	Upgrade from Series 39-70 to Series 930.	0
430	RTC for use on Series 930.	3,500
36044A	HP Toolset/XL Program Dev. Environ. integrated w/editor, symbolic debugger & versioning support for optional COBOL II/XL,Pascal/XL,FORTRAN 77/XL compilers. Supported on MPE XL based systems. Must order 1 of the following options:	0
426	Upgrade 32350A opt.320 to 36044A opt.430	2,000
430	First copy for use on Series 930	7,000
36044R	RIGHT-TO-COPY HP Toolset/XL. Prior purchase of 36044A req'd. Must order 1 SPU option:	0
426	Upgrade 32350R opt.320 to 36044R opt.430	1,400
430	RTC for use on Series 930	4,900
36070A	Business Report Writer/V (BRW/V), menu-driven report writing system. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 of the following:	0

Product Number	Description	U.S. List Price (\$)
310	First copy for use on S/37, MICRO's	3,200
315	Upgrade from S/37, MICRO's to Series 39-70	4,800
320	First copy for use on Series 39-70	8,000
426	Upgrade from Series 39-70 to Series 930	0
430	First copy for use on Series 930	8,000
600	Upgrade from Report/V (32245A) on S/37, MICRO's to BRW/V on S/37, MICRO's	1,200
610	Upgrade from Report/V (32245A) on S/37, MICRO's to BRW/V on Series 39-930	6,000
620	Upgrade from Report/V (32245A) on Series III-930 to BRW/V on Series 39-930	3,000
36070R	RIGHT-TO-COPY Business Report Writer/V. Prior purchase of 36070A required. Must order 1 of the following options:	0
310	RTC for use on S/37, MICRO's	2,240
315	Upgrade from S/37, MICRO's to Series 39-70	3,360
320	RTC for use on Series 39-70	5,600
426	Upgrade from Series 39-70 to Series 930	0
430	RTC for use on Series 930	5,600
600	RTC upgrade from Report/V (32245R) on S/37, MICRO's to BRW/V on S/37, MICRO's	840
610	RTC upgrade from Report/V (32245R) on S/37, MICRO's to BRW/V on Series 39-930	4,200
620	RTC upgrade from Report/V (32245R) on Series III-930 to BRW/V on Series 39-930	2,100
36215A	HPSQL/V. Relational model Database Management System. Supported on MPE V based systems. Must order 1 SPU option:	0
254	Early delivery on T-Delta-4 MIT	0
310	First copy for use on S/37, MICRO's	6,000
315	Upgrade from S/37, MICRO's to Series 39-70	9,000
320	First copy for use on Series 39-70	15,000
36215R	RIGHT-TO-COPY HPSQL/V. Prior purchase of 36215A required. Must order 1 SPU option:	0
254	Early delivery on T-Delta-4 MIT	0
310	RTC for use on S/37, MICRO's	4,200
315	Upgrade from S/37 to Series 39-70	6,300
320	RTC for use on Series 39-70.	10,500
36216A	ALLBASE/XL. Dual-Interface Database Management System (HPIMAGE and HPSQL). Supported on MPE XL based systems in Native Mode. Must order option 430:	0
430	First copy for use on Series 930.	30,000
36216R	RIGHT-TO-COPY ALLBASE/XL. Prior purchase of 36216A required. Must order option 430.	0
430	RTC for use on Series 930.	21,000
36217A	ALLBASE/HP-UX for HP 9000 Model 840. First copy for use on single system. Must specify option AA0 or AA1.	25,000
AA0	Cartridge tape media	0
AA1	1600 bpi magnetic tape media	0
36217R	RIGHT-TO-COPY ALLBASE/HP-UX. Prior purchase of 36217A required.	17,500
O80	Deletes manuals	-50

Product Number	Description	U.S. List Price (\$)
36913A	Database Tools/V TurboIMAGE database restructuring & performance tuning pkg. Includes 36020A and 36914A. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 option:	0
310	First copy for use on S/37, MICRO's	2,700
315	Upgrade from S/37, MICRO's to Series 39-70	4,100
320	First copy for use on Series 39-70	6,800
426	Upgrade from Series 39-70 to Series 930	0
430	First copy for use on Series 930	6,800
36913R	RIGHT-TO-COPY Database Tools/V. Prior purchase of 36913A required. Must order 1 option:	0
310	RTC for use on S/37, MICRO's	1,900
315	Upgrade from S/37, MICRO's to Series 39-70	2,900
320	RTC for use on Series 39-70	4,800
426	Upgrade from Series 39-70 to Series 930	0
430	RTC for use on Series 930	4,800
36914A	TurboIMAGE Profiler/V. Performance analysis utility for TurboIMAGE applications. Supported on MPE V based systems and in Compatibility Mode on MPE XL based systems. Must order 1 option:	0
310	First copy for use on S/37, MICRO's	1,400
315	Upgrade from S/37, MICRO's to Series 39-70	2,100
320	First copy for use on Series 39-70	3,500
426	Upgrade from Series 39-70 to Series 930	0
430	First copy for use on Series 930	3,500
36914R	RIGHT-TO-COPY TurboIMAGE Profiler/V. Prior purchase of 36914A required. Must order 1 SPU option:	0
310	RTC for use on S/37, MICRO's	1,000
315	Upgrade from S/37, MICRO's to Series 39-70	1,470
320	RTC for use on Series 39-70.	2,450
426	Upgrade from Series 39-70 to Series 930.	0
430	RTC for use on Series 930.	2,450
99940A	TRANSFORM/3000 Tools and Utilities.	2,000
99941A	PROCMON, menu processor that interprets IBM S/34/36 procedure files to run under MPE. Can be used in conjunction with RPG/V Compiler (32104A/R). Must order 1 SPU option.	0
310	First copy for use on S/37, MICRO's	1,000
315	Upgrade S/37, MICRO's to Series 39-70	1,000
320	First copy for use on Series 39-70	2,000
99941R	RIGHT-TO-COPY PROCMON. Must order 1 SPU option.	0
310	RTC for use on S/37, MICRO's	500
315	Upgrade S/37, MICRO's to Series 39-70	500
320	RTC for use on Series 39-70	1,000
<b>Office Systems Software</b> .....		
27500A	HP Convert/WPS, Wang OIS/WPS to HP Word document conversion. Must order 1 SPU option.	0
310	First copy for use on Series 37	4,000
315	Upgrade Series 37 to Series 39-70	6,000
320	First copy for use on Series 39-70	10,000

Product Number	Description	U.S. List Price (\$)
27500R	RIGHT-TO-COPY HP Convert/WPS. Must order 1 SPU option:	0
310	RTC for use on Series 37	2,800
315	Upgrade Series 37 to Series 39-70	4,200
320	RTC for use on Series 39-70	7,000
27509A	HP Convert/DCA. A 2-way converter between IBM's DCA and HP Word.	0
310	First copy for use on Series 37	1,600
315	Upgrade Series 37 to Series 39-70	2,400
320	First copy for use on Series 39-70	4,000
27509R	RIGHT-TO-COPY HP Convert/DCA (27509A)	0
310	RTC for use on Series 37	1,120
315	Upgrade Series 37 to Series 39-70	1,680
320	RTC for use on Series 39-70	2,800
27515A	HP OfficeConnect to DISOSS, Communication	0
310	First copy for use on Series 37	1,400
315	Upgrade from Series 37 to Series 42-70	2,100
320	First copy for use on Series 42-70	3,500
27515R	RIGHT-TO-COPY HP OfficeConnect (27515A)	0
310	RTC for use on Series 37	980
315	Upgrade from Series 37 to Series 42-70	1,470
320	RTC for use on Series 42-70	2,450
27520A	HP File/Library Community Filing System	0
310	First copy for use on Series 37, MICRO's	3,000
315	Upgrade Series 37, MICRO's to Series 5X	4,000
320	First copy for use on Series 5X	7,000
321	Upgrade Series 37, MICRO's to Series 6X-70	7,000
325	Upgrade Series 5X to Series 6X-70	3,000
330	First copy for use on Series 6X-70	10,000
27520R	RIGHT-TO-COPY HP File/Library (27520A)	0
310	RTC for use on Series 37, MICRO's	2,100
315	Upgrade Series 37 MICRO's to Series 5X	2,800
320	RTC for use on Series 5X	4,900
321	Upgrade Series 37, MICRO's to Series 6X-70	4,900
325	Upgrade Series 5X to Series 6X-70	2,100
330	RTC for use on Series 6X-70	7,000
27521A	HP OfficeConnect to PROFS, Communication link between HPDesk and IBM's PROFS	27,500
27521R	RIGHT-TO-COPY HP OfficeConnect to PROFS	19,250
27522A	HP Schedule meeting and resource scheduler	0
310	First copy for use on Series 37, MICRO's	1,300
315	Upgrade Series 37, MICRO's to Series 5X	1,700
320	First copy for use on Series 5X	3,000
321	Upgrade Series 37, MICRO's to Series 6X-70	3,000
325	Upgrade Series 5X to Series 6X-70	1,300
330	First copy for use on Series 6X-70	4,300
27522R	RIGHT-TO-COPY HP Schedule (27522A)	0
310	RTC for use on Series 37, MICRO's	900
315	Upgrade Series 37, MICRO's to Series 5X	1,200
320	RTC for use on Series 5X	2,100
321	Upgrade Series 37, MICRO's to Series 6X-70	2,100
325	Upgrade Series 5X to Series 6X-70	900
330	RTC for use on Series 6X-70	3,000
27534A	AdvanceMail electronic mail for Touchscreen PC	395

Product Number	Description	U.S. List Price (\$)
27535F	AdvanceMail electronic mail for Vectra	395
32108A	HP Draw Text & Figure Presentation Graphics	0
310	First copy for use on Series 37, MICRO's	2,200
315	Upgrade Series 37, MICRO's to Series 5X	3,000
320	First copy for use on Series 5X	5,200
321	Upgrade Series 37, MICRO's to Series 6X-70	5,200
325	Upgrade Series 5X to Series 6X-70	2,200
330	First copy for use on Series 6X-70	7,400
32108R	RIGHT-TO-COPY HP Draw (32108A)	0
310	RTC for use on Series 37, MICRO's	1,600
315	Upgrade Series 37, MICRO's to Series 5X	2,100
320	RTC for use on Series 5X	3,700
321	Upgrade Series 37, MICRO's to Series 6X-70	3,700
325	Upgrade Series 5X to Series 6X-70	1,500
330	First copy for use on Series 6X-70	5,200
32109A	HP EasyChart	0
310	First copy for use on Series 37, MICRO's	1,700
315	Upgrade Series 37, MICRO's to Series 5X	2,200
320	First copy for use on Series 5X	3,900
321	Upgrade Series 37, MICRO's to Series 6X-70	3,900
325	Upgrade Series 5X to Series 6X-70	1,700
330	First copy for use on Series 6X-70	5,600
32109R	RIGHT-TO-COPY HP EasyChart (32109A)	0
310	RTC for use on Series 37, MICRO's	1,200
315	Upgrade Series 37, MICRO's to Series 5X	1,500
320	RTC for use on Series 5X	2,700
321	Upgrade Series 37, MICRO's to Series 6X-70	2,700
325	Upgrade Series 5X to Series 6X-70	1,200
330	RTC for use on Series 6X-70	3,900
32110A	HP 3000 Business Graphics Package. Includes HP Draw, HP EasyChart and DSG/3000.	0
310	First copy for use on Series 37, MICRO's	6,000
315	Upgrade Series 37, MICRO's to Series 5X	8,000
320	First copy for use on Series 5X	14,000
321	Upgrade Series 37, MICRO's to S/6X-70	14,000
325	Upgrade Series 5X to Series 6X-70	6,000
330	First copy for use on Series 6X-70	20,000
32110R	RIGHT-TO-COPY HP 3000 Business Graphics Package	0
310	RTC for use on Series 37, MICRO's	4,200
315	Upgrade Series 37, MICRO's to Series 5X	5,800
320	RTC for use on Series 5X	10,000
321	Upgrade Series 37, MICRO's to S/6X-70	10,000
325	Upgrade Series 5X to Series 6X-70	4,000
330	RTC for use on Series 6X-70	14,000
32112A	HP Menu Interactive Office Menu Facility	1,300
32112R	RIGHT-TO-COPY HP Menu (32112A)	910
32113A	HP Map/3000	0
310	First copy for use on Series 37, MICRO's	3,900
315	Upgrade Series 37, MICRO's to Series 5X	5,200
320	First copy for use on Series 5X	9,100
321	Upgrade Series 37, MICRO's to S/6X-70	9,100
325	Upgrade Series 5X to Series 6X-70	3,900
330	First copy for use on Series 6X-70	13,000
32113R	RIGHT-TO-COPY HP Map/3000 (32113A)	0

Product Number	Description	U.S. List Price (\$)
310	RTC for use on Series 37, MICRO's	2,700
315	Upgrade Series 37, MICRO's to Series 5X	3,700
320	RTC for use on Series 5X	6,400
321	Upgrade Series 37, MICRO's to S/6X-70	6,400
325	Upgrade Series 5X to Series 6X-70	2,700
330	RTC for use on Series 6X-70	9,100
32119A	HP Word Intrinsics	720
32119R	RIGHT-TO-COPY HP Word Intrinsics (32119A)	510
32120A	HP Word Processing	0
310	First copy for use on Series 37, MICRO's	3,400
315	Upgrade Series 37, MICRO's to S/39-70	5,100
320	First copy for Series 39-70	8,500
32120R	RIGHT-TO-COPY HP Word Processing (32120A)	0
310	RTC for use on Series 37, MICRO's	2,350
315	Upgrade Series 37, MICRO's to S/39-70	3,550
320	RTC for use on Series 39-70	5,900
32132A	HP ListKeeper personal information management	0
310	First copy for use on Series 37	1,000
315	Upgrade Series 37 to Series 39-70	1,500
320	First copy for Series 39-70	2,500
32132R	RIGHT-TO-COPY HP ListKeeper (32132A)	0
310	RTC for use on Series 37	700
315	Upgrade Series 37 to Series 39-70	1,050
320	RTC for use on Series 39-70	1,750
32133A	Deluxe VisiCalc/3000	0
310	First copy for use on Series 37, MICRO's	1,400
315	Upgrade Series 37, MICRO's to Series 5X	1,900
320	First copy for use on Series 5X	3,300
321	Upgrade Series 37, MICRO's to Series 6X-70	3,300
325	Upgrade Series 5X to Series 6X-70	1,400
330	First copy for use on Series 6X-70	4,700
32133R	RIGHT-TO-COPY Deluxe VisiCalc/3000	0
310	RTC for use on Series 37, MICRO's	1,100
315	Upgrade Series 37, MICRO's to Series 5X	1,300
320	RTC for use on Series 5X	2,400
321	Upgrade Series 37, MICRO's to S/6X-70	2,400
325	Upgrade Series 5X to Series 6X-70	900
330	RTC for use on Series 6X-70	3,300
32250A	HP DSG/3000 Decision Support Graphics	0
310	First copy for use on Series 37, MICRO's	3,500
315	Upgrade Series 37, MICRO's to Series 5X	4,700
320	First copy for use on Series 5X	8,200
321	Upgrade Series 37, MICRO's to S/6X-70	8,200
325	Upgrade Series 5X to Series 6X-70	3,500
330	First copy for use on Series 6X-70	11,700
32250R	RIGHT-TO-COPY HP DSG/3000 (32250A)	0
310	RTC for use on Series 37, MICRO's	2,500
315	Upgrade Series 37, MICRO's to Series 5X	3,300
320	RTC for use on Series 5X	5,800
321	Upgrade Series 37, MICRO's to S/6X-70	5,800
325	Upgrade Series 5X to Series 6X-70	2,400
330	RTC for use on Series 6X-70	8,200
32592Q	RIGHT-TO-COPY Resource Sharing for HP 150. RTC licenses 50 PC's.	4,500



Product Number	Description	U.S. List Price (\$)
32592S	Resource Sharing Corporate license for HP 150. 50 PC discs and 5 sets of documentation.	4,850
32593A	Print Central Kit for HP 3000 & 1-10 PCs.	0
310	First copy for S/37, and MICRO's	2,450
315	Upgrade S/37, MICRO's to S/39-70	1,850
320	First copy for use on S/39-70	4,300
443	Substitute 10 sets of HP Vectra Discs	115
445	Substitute 10 sets of HP 150 discs	115
32593L	Print Central License Upgrade for HP Vectra & IBM PC/XT/AT. RTC licenses for 1-10 PCs.	1,620
415	Substitute software for HP 150	0
443	Substitute 10 sets of HP Vectra discs	115
445	Substitute 10 sets of HP 150 discs	115
32593Q	RIGHT-TO-COPY Print Central for HP Vectra & IBM PC/XT/AT. RTC licenses for 50 PCs.	7,650
32593R	RIGHT-TO-COPY Print Central-HP 3000/1-10 PCs	0
310	RTC for use on S/37, MICRO's	1,715
315	Upgrade S/37, MICRO's to S/39-70	1,295
320	RTC for use on S/39-70	3,010
443	Substitute 10 sets of HP Vectra discs	115
445	Substitute 10 sets of HP 150 discs	115
32593S	Print Central Corporate license for HP Vectra & IBM PC/XT/AT. 50 PC discs, 5 sets document.	8,265
32593T	Print Central PC documentation (5 copies)	210
150	Substitute 5 sets HP 150 documentation	0
32394Q	Print Central RIGHT-TO-COPY for HP 150. RTC licenses for 50 PCs.	7,650
32394S	Print Central Corporate License for HP 150. 50 PC discs and 5 sets of documentation.	8,265
32596A	Productivity Services - Information Access for HP 3000 and 1-10 PCs.	0
310	First copy for S/37, and MICRO's	5,900
315	Upgrade S/37, MICRO's to S/39-70	6,600
320	First copy for use on S/39-70	12,500
443	Substitute 10 sets of HP Vectra Discs	350
445	Substitute 10 sets of HP 150 discs	350
32596L	Information Access License Upgr. for HP Vectra & IBM PC/XT/AT. RTC licenses for 1-10 PCs.	3,950
415	Substitute software for HP 150	0
443	Substitute 10 sets of HP Vectra discs	350
445	Substitute 10 sets of HP 150 discs	350
32596Q	RIGHT-TO-COPY Information Access for Vectra & IBM PC/XT/AT. RTC licenses for 50 PCs.	18,700
32596R	RIGHT-TO-COPY Information Access for HP 3000 and 1-10 PC's	0
310	RTC for use on S/37, MICRO's	4,150
315	Upgrade S/37, MICRO's to S/39-70	4,600
320	RTC for use on S/39-70	8,750
443	Substitute 10 sets of HP Vectra discs	350
445	Substitute 10 sets of HP 150 discs	350
32596S	Information Access Corporate license for HP Vectra & IBM PC/XT/AT. 50 PC discs/5 sets document.	20,450
32596T	Information Access PC documentation (5 copies)	600
150	Substitute 5 sets HP 150 documentation	0

Product Number	Description	U.S. List Price (\$)
32597A	Productivity Services - Resource Sharing for HP 3000 and 1-10 PCs.	0
310	First copy for S/37, and MICRO's	4,800
315	Upgrade S/37, MICRO's to S/39-70	4,700
320	First copy for use on S/39-70	9,500
443	Substitute 10 sets of HP Vectra Discs	65
445	Substitute 10 sets of HP 150 discs	65
32597L	Resource Sharing License Upgrade for HP Vectra & IBM PC/XT/AT. RTC licenses for 1-10 PCs.	950
415	Substitute software for HP 150	0
443	Substitute 10 sets of HP Vectra discs	65
445	Substitute 10 sets of HP 150 discs	65
32597Q	RIGHT-TO-COPY Resource Sharing for HP Vectra & IBM PC/XT/AT. RTC licenses for 50 PCs.	4,500
32597R	RIGHT-TO-COPY Resource Sharing-HP 3000/1-10 PCs	0
310	RTC for use on S/37, MICRO's	3,360
315	Upgrade S/37, MICRO's to S/39-70	3,290
320	RTC for use on S/39-70	6,650
443	Substitute 10 sets of HP Vectra discs	65
445	Substitute 10 sets of HP 150 discs	65
32597S	Resource Sharing Corporate license for Vectra & IBM PC/XT/AT. 50 PC discs, 5 sets document.	4,850
32597T	Resource Sharing PC documentation (5 copies)	150
150	Substitute 5 sets HP 150 documentation	0
32599Q	Information Access RIGHT-TO-COPY for HP 150. RTC licenses for 50 PCs.	18,700
32599S	Information Access Corporate License for HP 150. 50 PC discs and 5 sets documentation.	20,450
36561A	HP Spell American Dictionary	0
310	First copy for use on Series 37, MICRO's	1,800
315	Upgrade Series 37, MICRO's to Series 39-70	2,700
320	First copy for Series 39-70	4,500
36561R	RIGHT-TO-COPY HP Spell American Dictionary	0
310	RTC for use on Series 37, MICRO's	1,240
315	Upgrade Series 37, MICRO's to Series 39-70	1,860
320	RTC for use on Series 39-70	3,100
36562A	HP Spell American and English Dictionary	0
310	First copy for use on Series 37, MICRO's	2,200
315	Upgrade Series 37, MICRO's to Series 39-70	3,300
320	First copy for Series 39-70	5,500
36562R	RIGHT-TO-COPY HP Spell (36562A)	0
310	RTC for use on Series 37, MICRO's	1,540
315	Upgrade Series 37, MICRO's to Series 39-70	2,310
320	RTC for use on Series 39-70	3,850
36563A	HP Spell Add-on American Dictionary	1,300
36563R	RIGHT-TO-COPY HP Spell (36563A)	890
36570A	HP DeskManager Electronic Mail System	0
310	First copy for use on Series 37, MICRO's	5,200
315	Upgrade Series 37, MICRO's to Series 5X	6,800
320	First copy for Series 5X	12,000
321	Upgrade Series 37, MICRO's to S/6X-70	12,000
325	Upgrade Series 5X to Series 6X-70	5,200
330	First copy for use on Series 6X-70	17,200
36570R	RIGHT-TO-COPY HP DeskManager (36570A)	0

Product Number	Description	U.S. List Price (\$)
310	RTC for use on Series 37, MICRO's	3,600
315	Upgrade Series 37, MICRO's to Series 5X	4,800
320	RTC for use on Series 5X	8,400
321	Upgrade Series 37, MICRO's to S/6X-70	8,400
325	Upgrade Series 5X to Series 6X-70	3,600
330	RTC for use on Series 6X-70	12,000
36572A	HP Telex	0
310	First copy for use on Series 37, MICRO's	2,400
315	Upgrade Series 37, MICRO's to Series 39-70	3,600
320	First copy for use on Series 39-70	6,000
36572R	RIGHT-TO-COPY HP Telex (36572A)	0
310	RTC for use on Series 37, MICRO's	1,680
315	Upgrade Series 37, MICRO's to Series 39-70	2,520
320	RTC for use on Series 39-70	4,200
36576A	HP SLATE Screen Based Word Processing	0
310	First copy for use on Series 37, MICRO's	1,800
315	Upgrade Series 37, MICRO's to Series 39-70	2,700
320	First copy for Series 39-70	4,500
36576R	RIGHT-TO-COPY HP SLATE (36576A)	0
310	RTC for use on Series 37, MICRO's	1,240
315	Upgrade Series 37, MICRO's to Series 39-70	1,860
320	RTC for use on Series 39-70	3,100
36578A	TDP/3000 Text & Document Processor	0
310	First copy for use on Series 37, MICRO's	3,500
315	Upgrade Series 37, MICRO's to Series 39-70	5,300
320	First copy for Series 39-70	8,800
36578R	RIGHT-TO-COPY TDP/3000 (36578A)	0
310	RTC for use on Series 37, MICRO's	2,500
315	Upgrade Series 37, MICRO's to Series 39-70	3,700
320	RTC for use on Series 39-70	6,200
36580A	IFS/3000 Interactive Formatting System	2,500
36580R	RIGHT-TO-COPY IFS/3000 (36580A) w/sublicense	1,750
36581A	IDS/3000 Interactive Design System	4,000
36581R	RIGHT-TO-COPY IDS/3000 (36581A) w/sublicense	2,800
36583A	HP 3000 Printer Graphics Support Software	4,500
36583R	RIGHT-TO-COPY 36583A	3,150
36584A	HP Laser Printer Support Package	10,000
36584R	RIGHT-TO-COPY HP Laser Print Support (36584A)	7,000
36890A	Print Central/Touchscreen Host Print Server	180
36890F	Print Central for HP Vectra PC & IBM PC/XT/AT	180
36891A	Print Central/3000 for S/37 Host Print Server	1,050
36891R	RIGHT-TO-COPY Print Central/3000 (36891A)	735
36892A	Print Central/3000 for S/39-70 Host Print Serv	2,500
315	Upgrade S/37 (requires S/42-70 box swap)	-1,050
36892R	RIGHT-TO-COPY Print Central/3000 (36892A)	1,750
315	Upgrade S/37 (requires S/42-70 box swap)	-735
36894A	HP ACCESS Central for S/37.	2,500
36894R	RIGHT-TO-COPY HP ACCESS Central (36894A)	1,750
36895A	HP ACCESS Central for Series 39-70.	7,900
315	Upgrade S/37 (requires S/42-70 box swap)	-2,500
36895R	RIGHT-TO-COPY HP ACCESS Central (36895A)	5,530
315	Upgrade S/37 (requires S/42-70 box swap)	-1,750
36896A	HP ACCESS Central/Remote 3000 - Access to networked IMAGE/3000 databases.	2,500



Product Number	Description	U.S. List Price (\$)
36896R	RIGHT-TO-COPY HP ACCESS Central/Remote 3000	1,750
36898A	HP ACCESS Touchscreen PC application for database extraction and translation.	625
36898F	HP ACCESS for Vectra or IBM PC's application for database extraction and translation.	625
36926A	HP Graphics Curator/3000	0
310	First copy for use on Series 37, MICRO's	1,100
315	Upgrade Series 37 to Series 5X	1,400
320	First copy for use on Series 5X	2,500
321	Upgrade Series 37, MICRO's to S/6X-70	2,500
325	Upgrade Series 5X to Series 6X-70	1,100
330	First copy for use on Series 6X-70	3,600
36926R	RIGHT-TO-COPY HP Graphics Curator/3000	0
310	RTC for use on Series 37, MICRO's	700
315	Upgrade Series 37 to Series 5X	1,100
320	RTC for use on Series 5X	1,800
321	Upgrade Series 37, MICRO's to Series 6X-70	1,800
325	Upgrade Series 5X to Series 6X-70	700
330	RTC for use on Series 6X-70	2,500
36929A	Office Graphics Bundle	4,500
36929R	RIGHT-TO-COPY Office Graphics Bundle	3,200
50902A	OfficeShare Network Server s/w, Touchscreen	1,690
50902F	OfficeShare Network Server s/w for Vectra PC	1,615
50903A	OfficeShare Network User s/w for Touchscreen	250
50903F	OfficeShare Network User s/w for Vectra/IBM PC	175
50906A	HP StarLAN Config/Diag s/w & license for PC's	795
50909A	HP ThinLAN Config/Diag s/w & license for PC's	995
50910A	HP SERIAL Network User Link s/w Touchscreen PC	295
50910F	HP SERIAL Network User Link s/w Vectra/IBM PC's	295
50911A	HP SERIAL Network PC Config & Diagnostic software license for HP 3000's.	0
001	For Series 3X and MICRO 3000 family	395
002	For Series 4X, 5X, 6X and 70	895
003	Upgrade from opt. 001 to opt. 002	500
50911R	RIGHT-TO-COPY HP SERIAL Network PC Config/Diag	0
001	For Series 3X and MICRO 3000 family	276
002	For Series 4X, 5X, 6X and 70	626
003	Upgrade from opt. 001 to opt. 002	350
50912A	HP StarLAN/ThinLAN PC Config & Diagnostics software license for HP 3000's.	0
001	For Series 3X and MICRO 3000 family	1,795
002	For Series 4X, 5X, 6X and 70	3,595
003	Upgrade from opt. 001 to opt. 002	1,800
50912R	RIGHT-TO-COPY HP StarLAN/ThinLAN Config/Diag	0
001	For Series 3X and MICRO 3000 family	1,256
002	For Series 4X, 5X, 6X and 70	2,516
003	Upgrade from opt. 001 to opt. 002	1,260
50913A	HP ThinLAN server software for Touchscreen PC	995
50913F	HP ThinLAN Server software for HP Vectra PC	995
50914A	HP ThinLAN User software for HP Touchscreen PC	295
50914F	HP ThinLAN User software for HP Vectra PC	295

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

**Manufacturing Systems Applications Software** -----

32153A	HP Maintenance Management Model 25	0
310	First copy for use on Series 27	34,500
315	Upgrade Series 37 to Series III,39-70	23,000
320	First copy for use on Series III,39-70	57,500
32153R	RIGHT-TO-COPY HP Maintenance Mgmt Model 25	0
310	RTC for use on Series 37	24,150
315	Upgrade Series 37 to Series III,39-70	16,100
320	RTC for use on Series III,39-70	40,250
32154A	HP Maintenance Management Model 35	0
310	First copy for use on Series 37	42,000
315	Upgrade Series 37 to Series III,39-70	28,000
320	First copy for use on Series III,39-70	70,000
32154R	RIGHT-TO-COPY HP Maintenance Mgmt Model 35	0
310	RTC for use on Series 37	29,400
315	Upgrade Series 37 to Series III,39-70	19,600
320	RTC for use on Series III,39-70	49,000
32155A	Maintenance Management Equipment Catalog Upgrade	0
310	First copy for use on Series 37	6,000
315	Upgrade Series 37 to Series III,39-70	4,000
320	First copy for use on Series III,39-70	10,000
32155R	RIGHT-TO-COPY Maintenance Management (32155A)	0
310	RTC for use on Series 37	4,200
315	Upgrade Series 37 to Series III,39-70	2,800
320	RTC for use on Series III,39-70	7,000
32260R	RIGHT-TO-COPY Materials Mgmt/3000 Model 25	0
310	RTC for use on Series 37	13,230
315	Upgrade Series 37 to Series III,39-70	8,820
320	RTC for use on Series III,39-70	22,050
32267A	Materials Management Advanced Customization	0
310	First copy for S/37, unlimited user exits	6,000
315	Upgrade from S/37 to S/III, 39-70	4,000
320	First copy for S/III,39-70, unlimit exits	10,000
330	First copy for S/III,37-70, 1 user exit	1,000
32267R	RIGHT-TO-COPY Material Mgmt Advanced Custom.	0
310	RTC for S/37, unlimited user exits	4,200
315	Upgrade from S/37 to S/III, 39-70	2,800
320	RTC for use on S/III, 39-70	7,000
330	RTC for use on S/III,37-70, 1 user exit	1,000
32270A	Production Management/3000 Model 30	0
310	First copy for use on Series 37	18,900
315	Upgrade Series 37 to Series III,39-70	12,600
320	First copy for use on Series III,39-70	31,500
32270R	RIGHT-TO-COPY Production Mgmt/3000 Model 30	0
310	RTC for use on Series 37	13,230
315	Upgrade Series 37 to Series III,39-70	8,820
320	RTC for use on Series III,39-70	22,050
32277A	Maintenance Management Inventory and Purchase Order Tracking Upgrade	0
310	First copy for use on Series 37	17,100
315	Upgrade Series 37 to Series III,39-70	11,400
320	First copy for use on Series III,39-70	28,500
32277R	RIGHT-TO-COPY Maintenance Management (32277A)	0

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

310	RTC for use on Series 37	12,000
315	Upgrade Series 37 to Series III,39-70	8,000
320	RTC for use on Series III,39-70	20,000
32279A	Maintenance Management Advanced Customization	0
310	First copy for S/37 w/unlimited user exits	6,000
315	Upgrade from S/37 to S/III, 39-70	4,000
320	First copy for S/III,39-70, unlimit exits	10,000
330	First copy for S/III,37-70, 1 user exit	1,000
32279R	RIGHT-TO-COPY Maintenance Management (32279A)	0
310	RTC for use on S/37 w/unlimited user exits	4,200
315	Upgrade from S/37 to S/III, 39-70	2,800
320	RTC for S/III,39-70, unlimited user exits	7,000
330	RTC for S/III-37-70, 1 user exit	1,000
32394A	Jobscope Manufacturing and Financial Planning	0
010	License to use on S/37, MICRO's	35,000
020	License to use on S/39-42XP or S/52	50,000
030	License to use on S/44, 48 or 58	65,000
040	License to use on S/64, 68 or 70	95,000
32394M	RIGHT-TO-COPY Jobscope (32394A)	0
010	RTC license to run on S/37, MICRO's	24,500
020	RTC license to run on S/39-42XP or S/52	35,000
030	RTC license to run on S/44, 48 or 58	45,500
040	RTC license to run on S/64, 68 or 70	66,500
32395A	Jobscope Upgrade	0
010	Upgrade S/37, MICRO's to S/39-42XP or 52	15,000
020	Upgrade S/37, MICRO's to S/44, 48 or 58	30,000
030	Upgrade S/37, MICRO's to S/64, 68 or 70	60,000
040	Upgrade S/39-42XP or S/52 to S/44,48,58	15,000
050	Upgrade S/39-42XP or S/52 to S/64,68,70	45,000
060	Upgrade S/44,48 or 58 to S/64,68,70	30,000
32422JA	Computer Solutions GrowthPower. Interactive, menu-driven, fully integrated, manufacturing and financial system for S/37, MICRO's, 39-70.	0
001	License to use up to 3 users	37,500
002	License to use from 4 - 10 users	50,000
003	License to use from 11 - 20 users	62,500
004	License to use unlimited number of users	75,000
32422JM	RIGHT-TO-COPY Computer Solutions GrowthPower for use on one additional HP 3000 system.	0
001	License to use up to 3 users	26,250
002	License to use from 4 - 10 users	35,000
003	License to use from 11 - 20 users	43,750
004	License to use unlimited number of users	52,500
32423JA	GrowthPower upgrade of license to increase number of CRT's able to access application.	0
001	Upgrade license 1-3 CRT's to 4-10 CRT's	12,500
002	Upgrade license 4-10 CRT's to 11-20 CRT's	12,500
003	Upgrade license 11-20 CRT's to unlimited	12,500
004	Upgrade license 1-3 CRT's to 11-20 CRT's	25,000
005	Upgrade license 1-3 CRT's to unlimited use	37,500
006	Upgrade license 4-10 CRT's to unlimited	25,000
32620A	HP Just-In-Time	0
310	First copy for use on Series 37	27,000
315	Upgrade S/37 to S/III,30,33,39-70	18,000

Product Number	Description	U.S. List Price (\$)
320	First copy for use on S/III,30,33,39-70	45,000
32620R	RIGHT-TO-COPY HP Just-In-Time	0
310	RTC for use on Series 37	18,900
315	Upgrade S/37 to S/III,30,33,39-70	12,600
320	RTC for use on S/III,30,33,39-70	31,500
32621A	HP-JIT Touch (For Touchscreen Max)	1,000
32625A	HP Just-In-Time Max	0
310	First copy for use on Series 37	36,000
315	Upgrade from S/37 to S/III,30,33,39-70	24,000
320	First copy for use on Series 39-70	60,000
32625R	RIGHT-TO-COPY HP Just-In-Time Max	0
310	RTC for use on Series 37	25,200
315	Upgrade from S/37 to S/III,30,33,39-70	16,900
320	RTC for use on Series III,30,33,39-70	42,000
32627A	HP Just-In-Time/Materials Management	0
310	First copy for use on Series 37	45,000
315	Upgrade from S/37 to S/III,30,33,39-70	30,000
320	First copy for use on S/III,30,33,39-70	75,000
32627R	RIGHT-TO-COPY HP JIT/Materials Management	0
310	RTC for use on Series 37	31,500
315	Upgrade from S/37 to S/III,30,33,39-70	21,000
320	RTC for use on S/III,30,33,39-70	52,500
32630A	Production Management Advanced Customization	0
310	First copy for S/37, unlimited user exits	6,000
315	Upgrade Series 37 to Series III,39-70	4,000
320	First copy for S/III,39-70, unlimited user	10,000
330	First copy for S/37-70, 1 user exit	1,000
32630R	RIGHT-TO-COPY Production Management (32630A)	0
310	RTC for S/37 with unlimited user exits	4,200
315	Upgrade S/37 to S/III,39-70	2,800
320	RTC for S/III,39-70, unlimited user exits	7,000
330	RTC for S/III,37-70, 1 user exit	1,000
32631A	HP JIT Advanced Customization	0
310	First copy for S/37, unlimited user exits	6,000
315	Upgrade Series 37 to Series III,39-70	4,000
320	First copy for S/III,39-70, unlimit user	10,000
330	First copy for S/III,37-70, 1 user exit	1,000
32631R	RIGHT-TO-COPY HP JIT Advanced Customization	0
310	RTC for S/37 with unlimited user exits	4,200
315	Upgrade Series 37 to Series III,39-70	2,800
320	RTC for S/III,39-70, unlimited user exits	7,000
330	RTC for S/III,37-70, 1 user exit	1,000
32903A	Materials Management/3000 Model 20	0
310	First copy for use on Series 37	12,600
315	Upgrade Series 37 to Series III,39-70	8,400
320	First copy for use on Series III,39-70	21,000
32903R	RIGHT-TO-COPY Materials Mgt/3000 Model 20	0
310	RTC for use on Series 37	8,820
315	Upgrade Series 37 to Series III,39-70	5,880
320	RTC for use on Series III,39-70	14,700
32904A	Materials Management/3000 Model 10	0
310	First copy for use on Series 37	7,200
315	Upgrade Series 37 to Series III,39-70	4,800
320	First copy for use on Series III,39-70	12,000

Product Number	Description	U.S. List Price (\$)
32904R	RIGHT-TO-COPY Materials Mgt/3000 Model 10	0
310	RTC for use on Series 37	5,040
315	Upgrade Series 37 to Series III,39-70	3,360
320	RTC for use on Series III,39-70	8,400
32905A	Material Requirements Planning/3000	0
310	First copy for use on Series 37	5,400
315	Upgrade Series 37 to Series III,39-70	3,600
320	First copy for use on Series III,39-70	9,000
32905R	RIGHT-TO-COPY Material Req'ts Planning/3000	0
310	RTC for use on Series 37	3,780
315	Upgrade Series 37 to Series III,39-70	2,520
320	RTC for use on Series III,39-70	6,300
32906A	Master Production Scheduling/3000	0
310	First copy for use on Series 37	4,200
315	Upgrade Series 37 to Series III,39-70	2,800
320	First copy for use on Series III,39-70	7,000
32906R	RIGHT-TO-COPY Master Production Scheduling/3000	0
310	RTC for use on Series 37	2,940
315	Upgrade Series 37 to Series III,39-70	1,960
320	RTC for use on Series III,39-70	4,900
32907A	Standard Product Costing/3000	0
310	First copy for use on Series 37	2,400
315	Upgrade Series 37 to Series III,39-70	1,600
320	First copy for use on Series III,39-70	4,000
32907R	RIGHT-TO-COPY Standard Product Costing/3000	0
310	RTC for use on Series 37	1,680
315	Upgrade Series 37 to Series III,39-70	1,120
320	RTC for use on Series III,39-70	2,800
32908A	Factory Order Entry/3000	0
310	First copy for use on Series 37	3,000
315	Upgrade Series 37 to Series III,39-70	2,000
320	First copy for use on Series III,39-70	5,000
32908R	RIGHT-TO-COPY Factory Order Entry/3000	0
310	RTC for use on Series 37	2,100
315	Upgrade Series 37 to Series III,39-70	1,400
320	RTC for use on Series III,39-70	3,500
32909A	Lot Control and Traceability/3000	0
310	First copy for use on Series 37	12,000
315	Upgrade Series 37 to Series III,39-70	8,000
320	First copy for use on Series III,39-70	20,000
32909R	RIGHT-TO-COPY Lot Control & Traceability/3000	0
310	RTC for use on Series 37	8,400
315	Upgrade Series 37 to Series III,39-70	5,600
320	RTC for use on Series III,39-70	14,000
32910A	Materials Management/3000 Model 10 to Model 20 Upgrade	0
310	First copy for use on Series 37	7,800
315	Upgrade Series 37 to Series III,39-70	5,200
320	First copy for use on Series III,39-70	13,000
32910R	RIGHT-TO-COPY Materials Management/3000 Model 10 to Model 20 Upgrade	0
310	RTC for use on Series 37	5,460
315	Upgrade Series 37 to Series III,39-70	3,640
320	RTC for use on Series III,39-70	9,100

Product Number	Description	U.S. List Price (\$)
32911A	Production Management/3000 Model 20	0
310	First copy for use on Series 37	15,000
315	Upgrade Series 37 to Series III,39-70	10,000
320	First copy for use on Series III,39-70	25,000
32911R	RIGHT-TO-COPY Production Mgt/3000 Model 20	0
310	RTC for use on Series 37	10,500
315	Upgrade Series 37 to Series III,39-70	7,000
320	RTC for use on Series III,39-70	17,500
32912A	Production Management/3000 Model 10	0
310	First copy for use on Series 37	8,700
315	Upgrade Series 37 to Series III,39-70	5,800
320	First copy for use on Series III,39-70	14,500
32912R	RIGHT-TO-COPY Production Mgt/3000 Model 10	0
310	RTC for use on Series 37	6,090
315	Upgrade Series 37 to Series III,39-70	4,060
320	RTC for use on Series III,39-70	10,150
32913A	Capacity Requirements Planning/3000	0
310	First copy for use on Series 37	9,000
315	Upgrade Series 37 to Series III,39-70	6,000
320	First copy for use on Series III,39-70	15,000
32913R	RIGHT-TO-COPY Capacity Req'ts Planning/3000	0
310	RTC for use on Series 37	6,300
315	Upgrade Series 37 to Series III,39-70	4,200
320	RTC for use on Series III,39-70	10,500
32914A	Production Management/3000 Model 10 to Model 20 Upgrade	0
310	First copy for use on Series 37	9,000
315	Upgrade Series 37 to Series III,39-70	6,000
320	First copy for use on Series III,39-70	15,000
32914R	RIGHT-TO-COPY Production Management/3000 Model 10 to Model 20 Upgrade	0
310	RTC for use on Series 37	6,300
315	Upgrade Series 37 to Series III,39-70	4,200
320	RTC for use on Series III,39-70	10,500
32916A	Materials Management/3000 Model 30	0
310	First copy for use on Series 37	21,600
315	Upgrade Series 37 to Series III,39-70	14,400
320	First copy for use on Series III,39-70	36,000
32916R	RIGHT-TO-COPY Materials Mgt/3000 Model 30	0
310	RTC for use on Series 37	15,120
315	Upgrade Series 37 to Series III,39-70	10,080
320	RTC for use on Series III,39-70	25,200
32917A	Factory Order Entry/3000 for existing customers	0
310	First copy for use on Series 37	2,700
315	Upgrade Series 37 to Series III,39-70	1,800
320	First copy for use on Series III,39-70	4,500
32917R	RIGHT-TO-COPY Factory Order Entry/3000 (32917A)	0
310	RTC for use on Series 37	1,890
315	Upgrade Series 37 to Series III,39-70	1,260
320	RTC for use on Series III,39-70	3,150
32920A	HP Production Cost Management	0
310	First copy for use on Series 37	10,800
315	Upgrade Series 37 to Series III,39-70	7,200
320	First copy for use on Series III,39-70	18,000

Product Number	Description	U.S. List Price (\$)
32920R	RIGHT-TO-COPY HP Production Cost Management	0
310	RTC for use on Series 37	7,560
315	Upgrade Series 37 to Series III,39-70	5,040
320	RTC for use on Series III,39-70	12,600
32922A	HP Production Cost Management Advanced Customizer	0
310	First copy for S/37, unlimited user exits	6,000
315	Upgrade Series 37 to Series III,39-70	4,000
320	First copy for S/III,39-70, unlimited user	10,000
330	First copy for S/III,37-70, 1 user exit	1,000
32922R	RIGHT-TO-COPY HP Production Cost (32922A)	0
310	RTC for S/37 with unlimited user exits	4,200
315	Upgrade Series 37 to Series III,39-70	2,800
320	RTC for use on S/III,39-70	7,000
330	RTC for use on S/III,37-70, 1 user exit	1,000
34001A	HP Manufacturing Management II	135,000
34001R	RIGHT-TO-COPY Manufacturing Management II	94,500
34002A	HP Materials Management/Prod'n Mgmt Plus	86,000
34002R	RIGHT-TO-COPY HP Materials Management (34002A)	60,200
34003A	HP Materials Management Plus	60,000
34003R	RIGHT-TO-COPY HP Materials Management Plus	42,000
34006A	HP Purchasing	0
310	First copy for use on Series 37	11,000
315	Upgrade from Series 37 to Series III,39-70	7,400
320	First copy for use on Series III,39-70	18,500
34006R	RIGHT-TO-COPY HP Purchasing	0
310	RTC for use on Series 37	7,770
315	Upgrade from Series 37 to Series III,39-70	5,180
320	RTC for use on Series III,39-70	12,950
34007A	Sales Order Management w/Accounts Receivable	0
310	First copy for use on Series 37	25,500
315	Upgrade from Series 37 to Series III,39-70	17,000
320	First copy for use on Series III,39-70	42,500
34007R	RIGHT-TO-COPY Sales Order Management (34007A)	0
310	RTC for use on Series 37	17,850
315	Upgrade from Series 37 to Series III,39-70	11,900
320	RTC for use on Series III,39-70	29,750
34008A	Sales Order Management	0
310	First copy for use on Series 37	19,500
315	Upgrade from Series 37 to Series III,39-70	13,000
320	First copy for use on Series III,39-70	32,500
34008R	RIGHT-TO-COPY Sales Order Management	0
310	RTC for use on HP 3000 Series 37	13,650
315	Upgrade Series 37 to Series III,39-70	9,100
320	RTC for use on HP 3000 Series III,39-70	22,750
34009A	HP Purchasing Advanced Customization	0
310	First copy for use on HP 3000 Series 37	6,000
315	Upgrade from Series 37 to Series III,39-70	4,000
320	First copy for use on Series III,39-70	10,000
330	First copy for S/III,37-70, 1 user exit	1,000
34009R	RIGHT-TO-COPY HP Purchasing Advanced Custom.	0
310	RTC for use on Series 37	4,200
315	Upgrade from Series 37 to Series III,39-70	2,800
320	RTC for use on Series III,39-70	7,000
330	RTC for S/III,37-70 with 1 user exit	1,000

Product Number	Description	U.S. List Price (\$)
<b>Financial Systems Applications Software</b> -----		
32305A	HP General Ledger/3000	0
310	First copy for use on S/37, MICRO's	6,000
315	Upgrade S/37, MICRO's to Series 39-70	4,000
320	First copy for use on Series 39-70	10,000
32305R	RIGHT-TO-COPY HP General Ledger/3000	0
310	RTC for use on S/37, MICRO's	4,200
315	Upgrade S/37, MICRO's to Series 39-70	2,800
320	RTC for use on Series 39-70	7,000
32306A	HP Dual Ledger	0
310	First copy for use on Series 37	5,000
315	Upgrade Series 37 to Series 39-70	3,000
320	First copy for use on Series 39-70	8,000
32306R	RIGHT-TO-COPY HP Dual Ledger	0
310	RTC for use on Series 37	3,500
315	Upgrade Series 37 to Series 39-70	2,100
320	RTC for use on Series 39-70	5,600
32307A	HP Allocator	0
310	First copy for use on Series 37	5,000
315	Upgrade Series 37 to Series 39-70	3,000
320	First copy for use on Series 39-70	8,000
32307R	RIGHT-TO-COPY HP Allocator	0
310	RTC for use on Series 37	3,500
315	Upgrade Series 37 to Series 39-70	2,100
320	RTC for use on Series 39-70	5,600
32308A	HP Accounts Payable/3000	0
310	First copy for use on S/37, MICRO's	6,000
315	Upgrade S/37, MICRO's to Series 39-70	4,000
320	First copy for use on Series 39-70	10,000
32308R	RIGHT-TO-COPY HP Accounts Payable/3000	0
310	RTC for use on S/37, MICRO's	4,200
315	Upgrade S/37, MICRO's to Series 39-70	2,800
320	RTC for use on Series 39-70	7,000
32309A	HP Accounts Receivable/3000	0
310	First copy for use on Series 37	6,000
315	Upgrade Series 37 to Series 39-70	4,000
320	First copy for use on Series 39-70	10,000
32309R	RIGHT-TO-COPY HP Accounts Receivable/3000	0
310	RTC for use on S/37, MICRO's	4,200
315	Upgrade S/37, MICRO's to Series 39-70	2,800
320	RTC for use on Series 39-70	7,000
32310A	HP Report Facility	0
310	First copy for use on Series 37	3,000
315	Upgrade from Series 37 to Series 39-70	2,000
320	First copy for use on Series 39-70	5,000
32310R	RIGHT-TO-COPY HP Report Facility	0
310	RTC for use on Series 37	2,100
315	Upgrade from Series 37 to Series 39-70	1,400
320	RTC for use on Series 39-70	3,500
32311A	HP Interface Facility	0
310	First copy for use on Series 37	3,000
315	Upgrade from Series 37 to Series 39-70	2,000
320	First copy for use on Series 39-70	5,000

Product Number	Description	U.S. List Price (\$)
32311R	RIGHT-TO-COPY HP Interface Facility	0
310	RTC for use on Series 37	2,100
315	Upgrade from Series 37 to Series 39-70	1,400
320	RTC for use on Series 39-70	3,500
32312A	HP General Accounting	0
310	First copy for use on Series 37	10,000
32312R	RIGHT-TO-COPY HP General Accounting	0
310	RTC for use on Series 37	7,000
32338A	Upgrade HP General Accounting to HPGL/HPAP/HPAR	0
310	First copy for use on S/37, MICRO's	8,000
320	First copy for use on Series 39-70	20,000
32338R	RIGHT-TO-COPY Upgrade HP General Accounting	0
310	RTC for use on Series 37, MICRO's	5,000
320	RTC for use on Series 39-70	14,000
32339A	HP Financial Accounting Bundle	39,000
32339R	RIGHT-TO-COPY HP Financial Accounting Bundle	27,300
32398A	HP Payroll	25,000
32398R	RIGHT-TO-COPY HP Payroll	10,000
35350A	Financial Budgeting	0
310	First copy for use on S/37, MICRO's	12,000
315	Upgrade S/37, MICRO's to Series 39-70	8,000
320	First copy for use on Series 39-70	20,000
35350R	RIGHT-TO-COPY Financial Budgeting	0
310	RTC for use on S/37, MICRO's	8,400
315	Upgrade S/37, MICRO's to Series 39-70	5,600
320	RTC for use on Series 39-70	14,000
<b>Additional Applications Software</b> -----		
32199A	Flexible DiscCopy/3000	685
32199R	RIGHT-TO-COPY Flexible DiscCopy/3000	479
32205B	Scientific Library	410
32205R	RIGHT-TO-COPY Scientific Library w/sublicense	290
32206R	Right-to-Copy DEL/3000	250
32900B	SIS/3000 Student Information System	3,780
32900R	RIGHT-TO-COPY SIS/3000	2,650
32902A	CIS/3000 College Information System	6,300
32902R	RIGHT-TO-COPY CIS/3000	4,400
<b>MANUALS</b>		
<b>HP 3000 Hardware, Overview and DataComm Manuals</b> -----		
45961A	Vectra Technical Reference Manual	60
03000-90121	Using HP 3000-Intro Interactive Program.	14
30000-60029	Site Prep Set-Plan & Prep Guide (30000-90206) & Plan Workbook (30000-90207)	25
30000-90022	Machine Instruction Set	40
30000-90047	RJE/3000 Emulator Reference Manual	80
30000-90171	Technical Writer's Survival Kit	10
30070-60068	Diagnostic Manual Set (S/39 and 4X only)	125
30070-90026	Machine Instruction Pocket Guide	10
32104-90004	System/3 to HP 3000 Conversion	15
32192-90001	MRJE/3000 Remote Job Entry Manual	25

Product Number	Description	U.S. List Price (\$)
32193-90002	MTS/3000 Multipoint Terminal S/W Manual	20
32229-90001	IMF/3000 Reference Manual	25
<b>MPE and Utilities Manuals</b> -----		
30093A	MPE IV Programmer's Manual Set	100
30380M	HP 3000 MPE V Manual Set	500
30381A	HP 3000 MPE IV Manual Set	210
003	Series III Manuals	0
033	Series 30, 33 Manuals	0
699	Deletes binders	-25
92192C	Data Cartridge Magazine for HP 35041A	56
03000-90064	FCOPY Reference Manual	6
30000-90009	MPE IV Commands Reference Manual	35
30000-90010	MPE IV Intrinsic Reference Manual	40
30000-90011	MPE IV Segmenter Reference Manual	20
30000-90012	MPE V Debug/Stack Dump Reference Manual	12
30000-90014	MPE IV Sys Mgr/Sys Supv Reference Manual	35
30000-90044	MPE IV System Utilities Reference Manual	15
30000-90049	Software Pocket Guide	17.50
30000-90102	Using Files	15
30000-90236	MPE File System Reference Manual	38
32002-90003	MPE IV System Tables Guide	80
32002-90004	MPE IV Console Operator's Guide	65
32033-90005	MPE V System Operation & Resource Mgmt.	39
32033-90006	MPE V Commands Reference Manual	14
32033-90007	MPE V Intrinsic Reference Manual	16
32033-90008	MPE V Utilities Reference Manual	23
32033-90009	MPE V Guide for the New User	33
32033-90010	MPE V System Tables Reference Manual	80
32033-90021	Guide for the New System Operator	47
32033-90023	MPE V Quick Reference Guide	25
32033-90040	MPE V T-MIT Tables Manual	80
32214-90002	SORT-MERGE/3000 Reference Manual	12
<b>Language Manuals</b> -----		
03000-90025	BASIC/3000 for Beginners	7
03000-90050	BASIC/3000 Pocket Guide	5
30000-90024	SPL/3000 Reference Manual	85
30000-90025	SPL/3000 Language Textbook	30
30000-90026	BASIC/3000 Interpreter	35
30000-90040	FORTRAN/3000 Reference Manual	12
32100-90001	SPL Pocket Guide	3
32102-90002	FORTRAN Pocket Guide	4
32103-90001	BASIC/3000 Compiler Reference Manual	5
32104-90001	RPG/3000 Reference Manual	120
32104-90003	RPG/3000 Listing Analyzer	2
32104-90006	RPG Utilities	75
32105-90002	APL/3000	60
32105-90003	APL/3000 Pocket Guide	4.50
32106-90001	PASCAL/3000 Reference Manual	43
32106-90002	PASCAL/3000 Pocket Guide	18
32115-90001	HP Business BASIC/3000 Reference Manual	51

Product Number	Description	U.S. List Price (\$)
32115-90002	HP Business BASIC/3000 Quick Ref. Guide	20
32115-90003	HP Business BASIC/3000 Programmer's Guide	33
32115-90004	HP BASIC/3000 to HP Business BASIC Conversion Guide.	14
32115-90005	HP BASIC/250 to HP Business BASIC Conversion Guide.	15
32213-90001	COBOL/3000 Reference Manual	90
32213-90003	Using COBOL/3000 - Programmer Guide	45
32233-90001	COBOL II/3000 Reference Manual	22
32233-90005	COBOL/3000 to COBOL II/3000 Conversion	7.50
5957-4685	HP FORTRAN 77 Reference Manual	20
5957-4686	HP FORTRAN 77 Programmer's Guide	22
5957-4687	HP FORTRAN 77 Quick Reference Guide	16
5957-4690	HP FORTRAN 77 Conversion Guide	5
<b>Information Management Manuals</b> -----		
19550-90901	HPCopyCat/3000 Reference Manual	10.50
30000-90042	QUERY/3000 Reference Manual	15
30000-90079	KSAM/3000 Reference Manual	25
30302-90001	Silhouette/3000 Reference Manual	35
32180-90001	APS/3000 Reference Manual	15
32180-90002	APS/3000 Quick Reference Card	8
32180-90003	APS/3000 Pocket Guide Insert	15
32209-90001	HP VPLUS/3000 Reference Manual	37
32209-90003	HP VPLUS/3000 Entry Program	3.50
32215-90003	IMAGE/3000 Database Reference Manual	35
32215-90050	TurboIMAGE Reference Manual	25
32238-90001	OPT/3000 Reference Manual	50
32238-90002	OPT/3000 Pocket Guide	20
32238-90003	OPT/3000 Insert for MPE Pocket Guide	20
32244-90001	Dictionary/3000 Reference Manual	35
32244-90012	Database Utilities Reference Manual	12
32245-90001	Report/3000 User's Guide	29
32246-90001	Inform/3000 User's Guide	22
32247-90001	Transact/3000 Reference Manual	35
32350-90001	HP Toolset Reference Manual	50
36215-90001	HPSQL/V Reference Manual	49
36215-90002	ISQL Reference Manual	35
36215-90003	HPSQL/V Database Admin Guide	51
36215-90004	HPSQL/V Cobol Application Prog. Guide	39
36215-90005	HPSQL/V Message Manual	33
36215-90006	HPSQL/V Quick Reference Guide	20
36215-90007	HPSQL/V Pascal Application Prog. Guide	41
36914-91001	TurboIMAGE Profiler/V User's Guide	20
<b>Office Systems Manuals</b> -----		
27500-90001	Admin Guide to HP Convert/WPS	53
27509-90001	HP Convert/DCA: Document Conversion Guide	27
27515-90001	Admin Guide HP OfficeConnect to DISOSS	45
27515-90004	Using HP DeskManager connected to DISOSS	Quote
27515-90006	Using DISOSS connected to HP DeskManager	Quote
27520-90001	Using HP File/Library	29

Product Number	Description	U.S. List Price (\$)
27520-90002	HP File/Library Administration	39
27521-90001	Admin Guide to HP OfficeConnect to PROFS	49
27521-90004	Using HP DeskManager connect to PROFS	27
27521-90005	Using PROFS connected to HP DeskManager	27
27522-90001	Using HP Schedule	16
27522-90002	HP Schedule Administration	18
32108-90001	HP Draw Reference Guide	70
32109-90001	HP EasyChart Reference Guide	40
32112-90001	HP Menu Admin. Manual	40
32112-90002	HP Menu Quick Reference Guide	1
32113-90001	HP Map Reference Manual	Quote
32113-90002	Mapping Applications Casebook	Quote
32120-90002	HP Word IV Quick Reference Guide	18
32120-90020	Learning HP Word IV, Part 1	60
32120-90021	Learning HP Word IV, Part 2	60
32120-90022	HP Word Administration	70
32120-90030	HP Word IV Reference Guide, Part 1	60
32120-90031	HP Word IV Reference Guide, Part 2	60
32120-90032	Getting Started with HPWORD	20
32120-90033	HP Word Quick Reference Guide	20
32120-90034	Printing with HP Word	30
32120-90035	Using HP Word	60
32120-90060	Printing with HP Word (A.05.05)	35
32120-90061	HP Word Administration (A.05.05)	50
32132-90001	HP ListKeeper User/Reference Guide	40
32132-90020	HP ListKeeper User's Guide/Ref. Manual	40
32133-90001	VisiCalc Quick Reference Guide	28
32133-90002	VisiCalc Reference Manual	8
32250-90001	HP DSG/3000	100
32250-90002	HP DSG/3000 Guide	20
36561-90002	HP Spell Administration	16
36561-90003	HP Spell Quick Reference Guide	12
36564-90030	Office Computing with HP 3000	45
36570-90004	Admin Guide to HP DeskManager III	60
36570-90029	HP DeskManager III Trainer's Notes	22
36570-90038	Using HP DeskManager III	50
36570-90039	HP DeskManager Reference Card	10
36570-90040	Programmatic Access to HP DeskManager III	50
36570-90050	Using HP DeskManager (B.00.00)	40
36570-90051	HP DeskManager I: Admin Reference (B.00.00)	50
36570-90052	HP DeskManager II: Admin Reference (B.00.00)	50
36570-90053	Programmatic Access to HP Desk (B.00.00)	50
36572-90012	Using HP Telex II	50
36572-90013	Admin Guide to HP Telex II	50
36572-90014	HP Telex II Reference Card	10
36576-90030	Using HP SLATE	60
36578-90002	Using TDP/3000	30
36578-90003	TDP/3000 Quick Reference Guide	12
36578-90004	TDP/3000 Reference Manual	53
36578-90005	Getting Started with TDP/3000	27
36580-90001	IFS/3000 Reference Manual	78
36581-90001	IDS/3000 Character Design	45
36581-90002	IDS/3000 Forms Design	60
36899-90005	HPAccess Central Admin/System Mgr. Guide	Quote

Product Number	Description	U.S. List Price (\$)
<b>Manufacturing Systems Applications Manuals</b> -----		
32153Z	Maintenance Management Model 25 Manual Set	410
32154Z	Maintenance Management Model 35 Manual Set	525
32265Z	System Reference Manual for MM/3000	280
32270Z	Production Mgmt./3000 Model 30 Manual Set	250
32275A	Maint. Mgmt. Model 20 (outside U.S. only)	360
32276A	Maint. Mgmt. Model 30 (outside U.S. only)	475
32282Z	Maint. Mgmt. System Reference Manual Set	160
32620Z	HP JIT Manual Set	250
32903Z	Materials Mgmt./3000 Model 20 Manual Set	220
32904Z	Materials Mgmt./3000 Model 10 Manual Set	180
32905Z	Materials Requirements Planning Manual Set	35
32906Z	Master Production Scheduling/3000 Manual Set	35
32907Z	Standard Product Costing/3000 Manual Set	35
32908Z	Factory Order Entry/3000 Manual Set	35
32909Z	Lot Control and Traceability/3000 Manual Set	120
32911Z	Production Mgmt./3000 Model 20 Manual Set	210
32912Z	Production Mgmt./3000 Model 10 Manual Set	165
32913Z	Capacity Req. Planning/3000 Manual Set	40
32916Z	Materials Mgmt./3000 Model 30 Manual Set	365
34001Z	HP Manufacturing Management II Manual Set	1,500
34002Z	Materials Mgmt./Prod'n Mgmt PLUS Manual Set	1,300
34003Z	HP Materials Management PLUS Manual Set	1,000
34006Z	HP Purchasing Manual Set	220
<b>Financial System Manuals</b> -----		
32285Y	General Ledger/3000 Source Reference Manual	500
32285Z	General Ledger/3000 Manual Set	30
32286Y	Accounts Payable/3000 Source Ref. Manual	500
32286Z	Accounts Payable/3000 Manual Set	30
32287Y	Accounts Receivable/3000 Source Ref. Manual	500
32287Z	Accounts Receivable/3000 Manual Set	30
32296Z	HPPAY Manual Set	225
32304Z	HP Financial Accounting Manual Set	90
32312Z	HP General Accounting Manual Set	190
32296-90001	HPPAY User's Manual	75
32296-90002	HPPAY User's Reference Manual	83
32296-90003	HPPAY System Reference Manual	56
32296-90005	HPPAY Report Writer Manual	63
32304-90001	HP Fin. Acctg. Sys. Oper. Manual Set	37
32304-90002	HP Fin. Acctg. Sys. Customiz. Manual Set	60
32305-90001	HP General Ledger User Manual Set	47
32305-90002	HP General Ledger System Ref. Manual Set	23
32306-90001	HP Dual Ledger User Manual Set	55
32306-90002	HP Dual Ledger Sys. Ref. Manual Set	45
32307-90001	HP Allocator User Manual Set	65
32307-90002	HP Allocator System Reference Manual Set	65
32308-90001	HP Accounts Payable User Manual Set	60
32308-90002	HP Accounts Payable Sys. Ref. Manual Set	35
32309-90001	HP Accounts Receivable User Manual Set	55
32309-90002	HP Accounts Rec. Sys. Ref. Manual Set	35



Product Number	Description	U.S. List Price (\$)
32310-90001	HP Report Facility User Manual Set	50
32311-90001	HP Interface Facility User Manual Set	35

**Additional Applications Manuals** -----

30000-90027	Scientific Library Reference Manual	10
30000-90028	Compiler Library Reference Manual	15
32199-90001	Flexible DiscCopy/3000	25
32900-90001	SIS/3000 Reference Manual	20
32900-90005	SIS/3000 Technical Manual	32
32901-90001	SAS/3000 Reference Manual	35
32901-90005	SAS/3000 Technical Manual	12
32902-90005	CIS/3000 Technical Manual	10.50

**TRAINING AND CONSULTING**

**Training** -----

05095A	HP System Programming Language, 5 Days	1,000
05095X	HP System Programming Language, On-Site	8,000
05096A	Structured Analysis/Design, 3 days	900
05096X	Structured Analysis/Design, On-site	6,000
22801D	Programmer's Intro to HP 3000, 5 Days	1,000
22801X	HP 3000 Programmer's Introduction, On-site	8,000
22802E	HP 3000 System Mgmt. and Operation, 5 Days	1,000
22802X	HP 3000 System Management and Oper., On-Site	8,000
2280C-A	HP 3000 SPL File System Introduction, 5 Days	1,000
22804X	HP 3000 SPL File System Introduction, On-Site	8,000
22805B	MPE Special Capabilities, 5 Days	1,250
22805X	HP 3000 MPE Special Capabilities, On-Site	10,000
22807C	HP 3000 System Operator, 3 Days	800
22807X	HP 3000 System Operator, On-Site	6,400
22808B	HP 3000 Application Design, 4 Days	1,000
22808X	HP 3000 Application Design, On-Site	8,000
22830C	HP VPLUS/3000 for Programmers, 4 days	800
22830X	HP VPLUS/3000, On-Site (4 Days)	6,400
22838A	Laser Printer Programming, 4 Days	1,000
22838B	Laser Printer Programming, 5 Days	1,250
22838C	Laser Printer Programming, On-Site	1,050
22838X	Laser Printer Programming, On-Site	10,000
22970C	DS/1000-IV/3000, 4 Days	1,000
22970X	DS/1000-IV/3000, On-Site	8,000
27530A	HPWORD Course, 3 Days	600
27530X	HPWORD Course, On-Site	4,800
27531A	HPWORD Administration Course, 1 Day	250
27531X	HPWORD Administration Course, On-Site	1,600
27532A	HPDESK User Course, 1 Day	200
27532X	HPDESK User Course, On-Site	1,600
27533A	HPDESK Administration Course, 1 Day	250
27533X	HPDESK Administration, On-Site	1,600
32154C	Maintenance Management, Parts Course, 3.5 Days	875
32154D	Maintenance Management, Inventory, 1.5 Days	375
32154X	Maintenance Management, Parts Course, On-Site	7,000
32154Y	Maintenance Management, Inventory, On-Site	3,000

Product Number	Description	U.S. List Price (\$)
32272C	MS-Data Customization Module, 3 Days	750
32272X	HP Mfg. Systems Cust'n/Oper'n, On-site (1 day)	2,000
101	Data Customization Module, On-Site (3 Days)	6,000
32288A	General Ledger/3000 Training, 2 Days	500
32288X	General Ledger/3000 Training, On-Site	4,000
32289A	Accounts Payable/3000 Training, 2 Days	500
32289X	Accounts Payable/3000 Training, On-Site	4,000
32290A	Accounts Receivable/3000 Training, 2 Days	250
32290X	Accounts Receivable/3000 Training, On-Site	2,000
32303A	HP Interface Facility Training, 2 Days	500
32303X	HP Interface Facility Training, On-Site	4,000
32304A	HP Financial Acct/Custom'n & Oper'n, 3 days	750
32304X	HP Financial Acct/Custom'n & Oper'n, On-Site	6,000
32313A	HP General Ledger, 2 Days	500
32313X	HP General Ledger Training, On-Site	4,000
32314A	HP Accounts Payable Training, 2 Days	500
32314X	HP Accounts Payable Training, On-Site	4,000
32315A	HP Accounts Receivable Training, 2 Days	500
32315X	HP Accounts Receivable Training, On-Site	4,000
32316A	HP Report Facility Training, 2 Days	500
32316X	HP Report Facility Training, On-Site	4,000
32317A	HP Allocator Training, 2 Days	500
32317X	HP Allocator Training, On-Site	4,000
32318X	HP Dual Ledger Training, On-Site (1 Day)	2,000
32378A	MFG/3000 Admin and User Course, 5 Days	800
32383B	EDC/3000 Admin and User Course, On-Site	1,150
32387B	IOS/3000 Admin & User Course, On-Site (2 Days)	1,150
32391B	MRP/3000 Admin & User Course, On-Site (1 Day)	600
32393A	MFG Programming Training, 5 Days	650
32396A	System Operator, 2 Days	500
32396X	System Operator, On-Site	4,000
32622A	Implementing HP JIT Customer Training	1,250
32622X	Implementing HP JIT Customer Train, On-Site	10,000
32646X	IC-10 Training, On-Site	10,000
32647X	EA-10 Training, On-Site	4,000
32921A	Production Cost Management, 3 Days	750
32921X	Production Cost Management, On-Site	6,000
34014A	MM/3000 w/o Lot Control, 4 Days	1,000
34014X	MM/3000 w/o Lot Control, On-Site	8,000
34015A	MM/3000 w/Lot Control, 5 Days	1,250
34015X	MM/3000 w/Lot Control, On-Site	10,000
34017A	MM/3000 Purchasing Course, 4 Days	1,000
34017X	MM/3000 Purchasing Course, On-Site	8,000
35013C	Dictionary/Inform/Report Training, 3 Days	800
35013X	Dictionary/Infm/Rpt Training, On-Site (4 days)	6,400
35014B	Transact/3000 Training, 5 Days	1,000
35014X	Transact/3000 Training, On-Site	8,000
35017A	Advance System Manager Course, 3 Days	750
35017X	Advance System Manager Course, On-Site	6,000
35020A	Software Update Installation	450
35022A	HP 3000/4X Train for Service Persn'l, 15 days	4,500
35051A	Introduction to Data Comm. Course, 5 Days	1,000
35051B	Intro to Datacomm, On-Site	1,000
35051X	Introduction to Data Comm. Course, On-Site	8,000

Product Number	Description	U.S. List Price (\$)
35052A	Intro to the HP 3000	400
35052B	Intro to HP3000 for Operators Course, 1 day	200
35052X	Intro to HP3000 Onsite Course, 2 Days	2,900
35053B	TurboIMAGE Database Management, 5 Days	1,000
35053X	TurboIMAGE/3000 Database Management, On-Site	8,000
35060X	MS-Advanced Customization, On-Site .5 Day	1,400
35300A	HPFA System Operator Using MAX, 1 Day	250
35300X	HPFA System Operator Using MAX, On-Site	2,000
36070AB	Business Report Writer/V, 4 days	900
36070AX	Business Report Writer/V, On-Site	8,000
36207A	HP SQL Application Programming, 5 Days	1,000
36207X	HP SQL Application Programming, On-Site	8,000
36225A	HP SQL Database Administration, 4 days	800
36225X	HP SQL Database Administration, On-Site	6,400
36229A	HP SQL User Course, 3 days	600
36229X	HP SQL User Course, On-Site (3 Days)	4,800
36564A	HPWORD Basics, 3 Days	600
36564X	HPWORD Basics, On-Site	4,000
36579A	Text and Document Processor/3000, 2 Days	400
36579X	Text and Document Processor/3000, On-Site	3,200
51402A	Advance Transact/3000, 5 Days	1,250
51402X	Advance Transact/3000, On-Site	10,000
51403A	Managing Data Center/3000, 3 Days	825
51404A	System Admin/3000, 4 Days	725
51404X	System Admin/3000, On-Site	6,400
51406B	System Performance, 5 Days	1,250
51406X	OPT/3000 System Performance, On-Site	10,000
51438A	Source Code Control System/Make Util., 2 Days	400
51438X	Source Code Control System/Make Util, On-Site	3,200
51439A	Advanced Editing with vi, 1 Day	200
51439X	Advanced Editing with vi, On-Site	1,600
51473A	Software Architecture Design, 2 Days	600
51473X	Software Architecture Design, On-Site	4,000
51480A	Advanced TurboIMAGE/3000 DBMS, 3 Days	750
51480X	Advanced TurboIMAGE/3000 DBMS, On-Site	6,000

**Self-Paced Training** .....

22832A	Learning COBOL II	475
22833B	Using DSG/3000 Interactively	490
22835B	A Guided Tour to the HP 3000	375
022	7908/11/12 Compatible Cartridge Tape	0
22840B	Using HPDraw	420
22842A	Programming in Transact/3000	750
022	7908/11/12 Compatible Cartridge Tape	0
22843B	Dictionary/3000 Self-paced Training	500
022	7908/11/12 Compatible Cartridge Tape	0
22855A	System Dictionary Self Paced Training	125
22961C	HP FORTRAN 77 Self-Paced Training	500
32269A	HP Factory Order Entry Training	500
32276TA	Materials Requirements Planning Training	500
32278TA	HP Standard Product Costing Training	500
32350TA	Using HPToolset	750

Product Number	Description	U.S. List Price (\$)
32623A	HP JIT Self-Paced Training	850
35023A	HP 262X Maintenance	250

**HP-ASSIST** .....

Key to Acronyms

IA (+61A)	Implementation Analysis
CAA (+61A)	Customer Application Analysis
ITT (+63A)	Implementation Team Training
MNT.	Maintenance Management
PIA (+65A)	Project Implementation Assistance

27507F+60A	HP OFFICE-ASSIST for Word Processing	4,900
+61A	IA HP Office-ASSIST for Word Processing	1,400
+65A	PIA HP Office-ASSIST for Word Processing	3,500
+65Z	Additional Service Unit	1,000
32153A+60A	Maint Mgmt ASSIST Model 25	29,640
+61A	IA MNT-ASSIST Model 25	7,750
+63A	ITT MNT-ASSIST Model 25	3,400
+65A	PIA MNT-ASSIST Model 25	18,480
+65Z	Additional Service Unit	1,000
32154A+60A	Maint Mgmt-ASSIST Model 35	39,180
+61A	IA MNT-ASSIST Model 35	9,150
+63A	ITT MNT-ASSIST Model 35	3,850
+65A	PIA MNT-ASSIST Model 35	26,160
+65Z	Additional Service Unit	1,000
32270A+60A	HP PM-ASSIST Model 30	33,000
+61A	IA PM 3000 Model 30	6,700
+63A	ITT PM 3000 Model 30	3,900
+65A	PIA PM 3000 Model 30	1,870
+65Z	Additional Service Unit	1,000
+60B	Additional PM-ASSIST	27,240
+61B	IA Additional PM-ASSIST	4,800
+63B	ITT Additional PM-ASSIST	1,700
+65A	PIA PM 3000 Model 30	22,440
+65B	PIA Additional PM-ASSIST	20,700
32277A+60A	HP Maint-ASSIST Inventory Module	17,400
+63A	ITT HP Maint-ASSIST Inventory Module	2,750
+65A	PIA HP Maint-ASSIST	14,700
+65Z	Additional Service Unit	1,000
32305A+60A	HP FA-ASSIST	12,300
+60B	Add-on to FA-ASSIST for Add'l FA module	4,050
+61A	IA FA-ASSIST	3,400
+61B	IA for additional FA module	1,500
+63A	ITT for one FA module	1,250
+63B	ITT Add FA	350
+65A	PIA FA-ASSIST	7,680
+65B	PIA one additional FA module	2,200
+65C	PIA HPFA Dual Ledger	5,400
+65D	PIA Allocator HPFA	3,850
+65E	PIA HPFA Interface Facility	3,850
+65Z	Additional Service Unit	1,000
32480A+42A	Migration Planning ASSIST	9,500
32596A+60A	HP OFFICE-ASSIST IA, PIA for Access	6,900

Product Number	Description	U.S. List Price (\$)
+61A	IA Access	1,500
+65A	PIA Access	5,400
+65Z	Additional Service Unit	1,000
32597A+60A	HP OFFICE-ASSIST for LAN's	5,400
+61A	IA for LAN	1,500
+65A	PIA for LAN	3,900
+65Z	Additional Service Unit	1,000
32620A+60A	HP JIT-ASSIST	41,000
+61A	CAA HP JIT-ASSIST	8,900
+63A	ITT HP JIT-ASSIST	4,000
+65A	PIA HP JIT-ASSIST	29,160
+65Z	Additional Service Unit	1,000
32903A+60B	IA, ITT, PIA MM Model 20 ASSIST	35,400
+61B	IA MM Model 20 ASSIST	7,500
+63B	ITT MM Model 20 ASSIST	3,900
+65B	PIA MM Model 20 ASSIST	24,000
+65Z	Additional Service Unit	1,000
32904A+60B	IT, ITT, PIA MM Model 10 ASSIST	24,000
+61B	IA MM Model 10 ASSIST	5,100
+63B	ITT MM Model 10 ASSIST	3,300
+65B	PIA MM Model 10 ASSIST	15,600
+65Z	Additional Service Unit	1,000
32911A+60B	IA, ITT, PIA PM Model 10 ASSIST	24,600
+61B	IA PM Model 10 ASSIST	5,100
+63B	ITT PM Model 10 ASSIST	3,300
+65B	PIA PM Model 10 ASSIST	16,200
+65Z	Additional Service Unit	1,000
32912A+60B	IA, ITT, PIA PM Model 20 ASSIST	34,500
+61B	IA PM Model 20 ASSIST	6,300
+63B	ITT PM Model 20 ASSIST PIA	3,600
+65Z	Additional Service Unit	1,000
32916A+60A	HP MM-ASSIST Model 30	39,120
+61A	IA MM-ASSIST Model 30	9,000
+63A	ITT MM-ASSIST Model 30	4,200
+65A	PIA MM-ASSIST Model 30	25,920
+65Z	Additional Service Unit	1,000
32920A+60A	HP PCM-ASSIST	16,200
+61A	IA PCM-ASSIST	5,700
+63A	ITT PCM-ASSIST	1,300
+65A	PIA PCM-ASSIST	9,240
+65Z	Additional Service Unit	1,000
34002A+60A	MM/PM PLUS-ASSIST	85,980
+61A	IA MM/PM PLUS-ASSIST	19,500
+63A	ITT MM/PM PLUS-ASSIST	7,200
+65A	PIA MM/PM PLUS-ASSIST	59,340
+65Z	Additional Service Unit	1,000
34003A+60A	MM PLUS-ASSIST	60,000
+61A	IA MM PLUS-ASSIST	14,700
+63A	ITT MM PLUS-ASSIST	5,500
+65A	PIA MM PLUS-ASSIST	40,980
+65Z	Additional Service Unit	1,000
34006A+65A	PIA Purchase-ASSIST	7,500
+65Z	Additional Service Unit	1,000
35350A+60A	HP Financial Budgeting ASSIST	11,580

Product Number	Description	U.S. List Price (\$)
+60B	Add HPFB-ASSIST	4,500
+61A	HPFB-ASSIST Impl. Analysis BASIC	3,600
+61B	HPFB-ASSIST Impl. Analysis Adder	1,800
+63A	ITT HPFB-ASSIST	1,680
+63B	ITT (see 60B) HPFB	300
+65A	PIA HPFB-ASSIST	6,300
+65B	PIA (see 60B) HPFB-ASSIST	2,400
+65Z	Additional Service Unit	1,000
36568A+60A	HP OFFICE-ASSIST for Electronic Mail	4,900
+61A	IA HP OFFICE-ASSIST for Electronic Mail	1,400
+65A	PIA HP OFFICE-ASSIST for Electronic Mail	3,500
+65Z	Additional Service Unit	1,000
45513A+60A	HP OFFICE-ASSIST for Business Graphics	4,900
+61A	IA HP OFFICE-ASSIST for Business Graphics	1,400
+65A	PIA HP OFFICE-ASSIST for Business Graphics	3,500
+65Z	Additional Service Unit	1,000
45945A+60A	HP OFFICE-ASSIST for Personal Computers	4,900
+61A	IA HP OFFICE-ASSIST for PC's	1,400
+65A	PIA HP OFFICE-ASSIST for PC's	3,500
+65Z	Additional Service Unit	1,000
<b>Consulting</b> .....		
33940A	Implementation Consultation for Semiconductor Information Systems	3,000
001	Overseas Implement. Consult. (Add'l Cost)	1,200
35033A	SE Off-Hours Emergency Assistance	900
001	Response Uplift	250
002	Sign-up Fee	250
003	Sign-up Credit	-250
35039A	HP 3000 Installation Mgmt. Consulting (1 Day)	1,000
001	One Additional Day	825
35044A	Off Hours S/W Update Installation (Cust. Only)	200
35045A	Pre-Installation Production	750
001	Machine Time	1,000
35066D	Product Support Response T&M - No Travel	70
35135A	Custom Project Unit	1,000
35135B	Custom Project Service Unit	100
35135C	Custom Projects - Hourly SE Assistance	100
35135D	Custom Projects - Hourly Specialist Assistance	125
35135E	Custom Projects - Daily SE Assistance	825
35135F	Custom Projects - Daily Specialist Assistance	1,000
35135G	Product Support Rep./Hourly Assistance	80
35135H	Product Support Rep./Off-Hours Assistance	112
35135I	T&M SE Consulting, Off-Hours	140
35135J	Specialist, Off-Hours	175
35135K	Product Support Rep/Weekend Assistance	140
35135L	Weekend T&M Consulting - SE	175
35135M	Specialist, Weekend	219
<b>OPTIONS FOR 35135, CUSTOM PROJECT UNIT:</b>		
101	Zone 1 Travel Charge	120
102	Zone 2 Travel Charge	210
103	Zone 3 Travel Charge	280
104	Zone 4 Travel Charge	440

Product Number	Description	U.S. List Price (\$)
105	Beyond Zone 4 Travel Charges	Quote
35137A	HPSNAPSHOT System Performance Analysis	3,200
001	Out of Scope Analysis	500
002	Delete Presentation	-400
35137R	HPSNAPSHOT Repeat Use in 6 Months	800
35138A	Customer Performance Consulting of HP 3000	140
001	After Hours Assistance	25
101	Zone 1 Travel Charge	120
102	Zone 2 Travel Charge	210
103	Zone 3 Travel Charge	280
104	Zone 4 Travel Charge	440
105	Beyond Zone 4 Travel Charge	Quote
35139A	HPCAPLAN Forecasts HP 3000	5,000
001	Out of Scope Analysis	500
002	On-Site Presentation	500
51413A	Product Support Rep./Hourly Assistance	80
51414A	SE, T&M	100
51415A	Specialist, T&M	125
51416A	Product Support Rep./Daily Assistance	675
51417A	SE, Daily Consulting	825
51418A	Specialist, Daily Consulting	1,000
51419A	Product Support Rep./Off-Hours Assistance	112
51420A	SE, Off-Hours	140
51421A	Specialist, Off-Hours	175
51422A	Product Support Rep./Weekend Assistance	140
51423A	Weekend T&M Consulting	175
51424A	Specialist, Weekend	219
OPTIONS FOR 514XX CONSULTING:		
101	Zone 1 Travel Charges	120
102	Zone 2 Travel Charges	210
103	Zone 3 Travel Charges	280
104	Zone 4 Travel Charges	440
105	Beyond Zone 4 Travel Charge	Quote
51429A	Network Planning and Design	1,000
51429B	Network Planning and Design	100
51430A	Network Prepare	1,000
51430B	Network Prepare	100
51431A	Network Implementation Unit	1,000
51431B	Network Implementation Service Unit	100

#### SOFTWARE SUPPORT

##### Key to Acronyms

AMS (T)	Account Management Support
ASC (V)	Additional System Coverage
CS (C)	Category Support
CSP (J)	Custom Support Plan or HPTREND
EMS (W)	Extended Materials Support
MUS (Q)	Manual Update Services
RCS (H)	Response Center Support
SMS (S)	Software Materials Subscription
SNS (N)	Software Notification Service
St.RCS (G)	Startup Response Center Support

Product	AMS (T)	RCS (H)	ASC (V)	SMS (S)	EMS (W)	MUS (Q)	St.RCS (G)
<b>Operating System Support Products</b> .....							
The following represent monthly support fees for HP 3000 operating systems. Customers may also purchase:							
30093A+Q00	MUS for Programmer's Manuals						\$ 16
<b>Additional Response Center Caller</b>							
32449A+P00	Series 37						100
32450A+P00	Series 37XE						100
32400A+P00	Other HP 3000 Series						250
99111B+P00	PCApplications						125
35136A+J00-T01	HPTREND for AMS Central System						0
+J00-T12	HPTREND for AMS 1/Month						190
+J00-H04	HPTREND for RCS 1/Quarter						85
+J00-H12	HPTREND for RCS 1/Month						250
+J00-V04	HPTREND for ASC 1/Quarter						85
+J00-V12	HPTREND for ASC 1/Month						250
<b>Series II and III</b>							
32435A+ 00	n/a	n/a	35	n/a	10		10
32435A+ 50	230	100	0	50	0		
32435A+ 51	230	100	0	50	0		
<b>Disc Cache</b>							
30539B+00	0	0	0	0	0	n/a	
<b>Series 30</b>							
32430A+ 00	n/a	n/a	35	n/a	10		10
32430A+ 41	225	95	0	50	0		
32430A+ 51	225	95	0	50	0		
<b>Series 33</b>							
32412A+ 00	n/a	n/a	35	n/a	35		10
32412A+ 41	225	95	0	50	0		
32412A+ 51	225	95	0	50	0		
<b>Series 37</b>							
32459A+ 22	285	130	50	80	50	n/a	195
32459A+ 51	285	130	50	80	50	n/a	195
32459A+ 00	n/a	n/a	50	n/a	20		20
32459A+P00 100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Series 37 (MPE V/E)</b>							
32449A+ 00	n/a	n/a	50	n/a	20		20
32449A+ 22	300	140	50	85	50		
32449A+ 51	300	140	50	85	50		
<b>Series 37XE (MPE V/E)</b>							
32450A+ 00	n/a	n/a	50	n/a	20		20
32450A+ 22	300	140	80	85	50		
32450A+ 51	300	140	80	85	50		
32450B+ 00	n/a	n/a	50	n/a	20		20
32450B+ 22	300	140	80	85	50	n/a	
32450B+ 51	300	140	80	85	50	n/a	
<b>Series 37XE</b>							
32450C+ 00	n/a	n/a	50	n/a	20		20
32450C+ 22	285	130	50	80	50	n/a	195
32450C+ 51	285	130	50	80	50	n/a	195
<b>Series 39 (MPE V/P)</b>							
32514B+ 00	n/a	n/a	75	n/a	30		40

Product	AMS (T)	RCS (H)	ASC (V)	SMS (S)	EMS (W)	MUS (Q)	St.RCS (G)
32514B+ 22	380	160	50	120	50		
32514B+ 51	380	160	50	120	50		
<b>Series 39 (MPE V/E)</b>							
32514B+ 00-408	n/a	n/a	75	n/a	30	40	
32514B+ 22-408	380	160	50	120	50		
32514B+ 51-408	380	160		120			
<b>Series 40 (MPE V/P)</b>							
32445A+ 00	n/a	n/a	75	n/a	30	40	
32445A+ 22	380	160	50	120	50		
32445A+ 51	380	160	50	120	50		
<b>Series 40 (MPE V/E)</b>							
32445A+ 00-409	n/a	n/a	75	n/a	30	40	
32445A+ 22-409	380	160	50	120	50		
32445A+ 51-409	380	160	50	120	50		
<b>Series 40SX (MPE V/P)</b>							
32446A+ 00	n/a	n/a	75	n/a	30	40	
32446A+ 22	380	160	50	120	50		
32446A+ 51	380	160	50	120	50		
<b>Series 40SX (MPE V/E)</b>							
32446A+ 00-409	n/a	n/a	75	n/a	30	40	
32446A+ 22-409	380	160	50	120	50	n/a	
32446A+ 51-409	380	160	50	120	50	n/a	
<b>Series 42 (MPE V/P)</b>							
32542B+ 00	n/a	n/a	75	n/a	30	40	
32542B+ 22	380	160	50	120	50		
32542B+ 51	380	160	50	120	50		
<b>Series 42 (MPE V/E)</b>							
32542B+ 00-409	n/a	n/a	75	n/a	30	40	
32542B+ 22-409	380	160	50	120	50		
32542B+ 51-409	380	160	50	120	50		
<b>Series 42XP (MPE V/E)</b>							
30550A+ 00	n/a	n/a	75	n/a	30	40	
30550A+ 22	380	160	50	120	50	n/a	
30550A+ 51	380	160	50	120	50	n/a	
<b>Series 44 (MPE V/P)</b>							
32440B+ 00	n/a	n/a	115	n/a	30	40	
32440B+ 22	615	250	50	160	50		
32440B+ 51	615	250	50	160	50		
<b>Series 44 (MPE V/E)</b>							
32440B+ 00-410	n/a	n/a	115	n/a	30	40	
32440B+ 22-410	615	250	50	160	50		
32440B+ 51-410	615	250	50	160	50		
<b>Series 48 (MPE V/P)</b>							
32548B+ 00	n/a	n/a	115	n/a	30	40	
32548B+ 22	615	250	50	160	50		
32548B+ 51	615	250	50	160	50		
<b>Series 48 (MPE V/E)</b>							
32548B+ 00-410	n/a	n/a	115	n/a	30	40	
32548B+ 22-410	615	250	50	160	50		
32548B+ 51-410	615	250	50	160	50		
<b>Series 52 (MPE V/E)</b>							
32552A+ 00	n/a	n/a	75	n/a	30	40	
32552A+ 22	380	160	50	120	50	n/a	
32552A+ 51	380	160	50	120	50	n/a	

Product	AMS (T)	RCS (H)	ASC (V)	SMS (S)	EMS (W)	MUS (Q)	St.RCS (G)
<b>Series 58 (MPE V/E)</b>							
32558A+ 00	n/a	n/a	120	n/a	30	40	
32558A+ 22	650	265	50	165	50		
32558A+ 51	650	265	50	165	50		
<b>Series 64 (MPE V/E)</b>							
32460B+ 00	n/a	n/a	135	n/a	35	40	
32460B+ 51	800	325	150	200	50		
<b>Series 64 (MPE V/P)</b>							
32460B+ 00-411	n/a	n/a	135	n/a	35	40	
32460B+ 51-411	800	325	150	200	50		
<b>Series 68 (MPE V/E)</b>							
32468B+ 00	n/a	n/a	150	n/a	35	40	
32468B+ 22	800	325	50	200	50		
32468B+ 51	800	325	50	200	50		
32468C+ 00	n/a	n/a	150	n/a	35	40	
32468C+ 22	800	325	50	200	50	n/a	
32468C+ 51	800	325	50	200	50	n/a	
<b>Series 68 (MPE V/P)</b>							
32468B+ 00-411	n/a	n/a	150	n/a	35	40	
32468B+ 22-411	800	325	50	200	50		
32468B+ 51-411	800	325	50	200	50		
<b>Series 70 (MPE V/E)</b>							
32471A+ 00	n/a	n/a	150	n/a	35	40	
32471A+ 22	800	325	50	200	50	n/a	
32471A+ 51	800	325	50	200	50	n/a	
<b>Series 930 (MPE XL)</b>							
32650A+ 00	n/a	n/a	190	n/a	55	40	
32650A+ 51	940	375	50	280	50	n/a	
<b>Series 930 Pre-configured (MPE XL)</b>							
32480A+ 00	n/a	n/a	200	n/a	60	50	
32480A+ 51	990	395	50	295	50	n/a	
<b>Category Support Products</b> -----							
Product		CS (COO)	ASC (VOO)	MUS (QOO)			
Languages	99081B+ 22	60	15	15			
Productivity Tools	99082B+ 22	75	15	10			
Data Management	99083B+ 22	55	10	10			
Utility	99084B+ 22	35	5	5			
Datacomm A	99085B+ 22	30	5	5			
Datacomm B	99086B+ 22	70	15	15			
Datacomm C	99087B+ 22	95	20	20			
PCUtilities	99088B+ 22	45	10	5			
Office Tools	99106B+ 22	55	12	n/a			
<b>System Software Products by Category</b> -----							
Product		SMS (S00)	EMS (W00)				
<b>Languages (99081B+ 00)</b>							
COBOL II/XL	31500A+ 22	30		6			
FORTRAN 77/XL	31501A+ 22	30		6			
Pascal/XL	31502A+ 22	25		5			

Product		SMS (S00)	EMS (W00)
SPL/V	32100A+	30	6
FORTRAN/V	32102B+	30	6
RPG/V	32104A+	30	6
APL/V	32105A+	40	8
PASCAL/V	32106A+	25	5
BASIC/V	32111A+	30	6
HP Business Basic/V	32115A+	30	6
FORTRAN 77/V	32116A+	30	6
COBOL/V	32213A+	30	6
COBOL II/V	32233A+	30	6
Process Monitor (PROCMON)	99941A+	20	4
<b>Productivity Tools (99082B+ 00)</b>			
Dictionary/V	32244A+	15	3
Report/V	32245A+	15	3
Inform/V	32246A+	15	3
Transact/V	32247A+	15	3
Program Productivity Package	32248A+	45	9
HP System Dictionary	32254A+	20	5
HP System Dictionary (COBOL)	32255A+	15	5
System Dictionary/XL	32256A+	20	5
System Dict/XL COBOL Ext	32257A+	15	5
HPToolset	32350A+	25	5
Transact Programmer Package	32353A+	30	6
HP Report Combination	32355A+	30	6
Report Writer	32258A+	45	9
Toolset/XL	36044A+	25	5
Business Report Writer/V	36070A+	15	3
IFS/3000	36580A+	15	3
IDS/3000	36581A+	20	4
PSP/3000	36584A+	50	10
Transform/3000	99940A+	20	4
<b>Data Management (99083B+ 00)</b>			
Silhouette/3000	30302A+	20	5
Data Capture Intrinsic	32243A+	0	0
TurboIMAGE DBChange/V	36020A+	20	4
MPE V HPSQL	36215A+	20	4
ALLBASE/XL	36216A+	30	6
HP2680 Graphics	36583A+	15	3
Database Tools	36913A+	20	5
TurboIMAGE Profiler/V	36914A+	20	4
<b>Utilities (99084B+ 00)</b>			
HPCopycat/3000	19550A+	10	5
Speech Library	27205A+	10	2
APS/3000	32180A+	15	3
Flexible Discopy	32199A+	5	1
Scientific Library	32205B+	15	3
OPT/3000	32238A+	15	3
Adager/3000	35077A+	0	n/a
<b>PCUtilities (99088B+ 00)</b>			
Print Central/3000 S/37	36891A+	15	5
Print Central/3000 S/39-6X	36892A+	15	5

Product		SMS (S00)	EMS (W00)
HPAccess Central S/37	36894A+	15	5
HPAccess Central S/39-6X	36895A+	15	5
HPAccess Central Remote/3000	36896A+	10	3
<b>DataComm A (99085B+ 00)</b>			
RJE (pre-Series III)	30097A+	15	3
<b>DataComm B (99086B+ 00)</b>			
MTS Data Link Connection	32026A+	5	3
MTS Modem Link	32027A+	5	3
MTS3270 Device Link	32028A+	5	3
LANLink/3000 OfficeShare	30240A+	20	4
LAN Link/3000	30242A+	20	4
BSC Link	30251A+	5	1
PT to PT (hardwired link)	30270A+	5	3
PT to PT Modem Link	30271A+	5	3
LAN/XL Link	36921A+	20	5
<b>DataComm C (99087B+ 00)</b>			
SNA Link	30246A+	10	2
X.25 Link	32187A+	15	5
Satellite Communications	32188A+	20	4
<b>Office Tools (99106B+ 00)</b>			
HPDraw	32108A+	20	5
HPEasyChart	32109A+	15	3
HPBusiness Graphics	32110A+	50	10
HPMenu	32112A+	10	3
HPMAP	32113A+	10	5
HPListKeeper	32132A+	15	5
Visicalc/3000	32133A+	15	5
DSG/3000	32250A+	30	10
HPSpell (U.S.)	36561A+	15	5
HPSpell (2 Dictionary)	36562A+	15	5
HPSpell (Add-On Dictionary)	36563A+	8	3
HPsLate	36576A+	15	3
HP Graphics Curator	36926A+	10	5
<b>Network Services</b>			
SNA NRJE Service	30245A+	20	4
IMF/3000 Service	30247A+	20	3
RJE Service	30248A+	20	4
MRJE Service	30249A+	20	4
IMF Service	30250A+	35	7
MTS Service	32025A+	15	5
DS Service	32185A+	20	4
NS/3000 Service	32344A+	20	4
NS3000/XL	36920A+	20	5
<b>No Category Associated</b>			
Workstation Configuration	30239A+	10	2
L U6.2 Base	30252A+	15	5
HP SNA Server	30254A+	10	5
HP SNA Network Server	30255A+	10	5
HP SNA Server Access/XL	30256A+	10	5

Product		SMS (S00)	EMS (W00)
DEL (renewal only)	32206A+	10	2
Rapid/3000	32249A+	15	3

#### Family Support Products

Product		SMS (S00)	EMS (W00)
Manufacturing	99101B+	460	245
Distribution	99103B+	360	200
Administrative	99104B+	315	200
Office Applications	99105B+	80	40
Semiconductor Products	99110B+	1,200	800
PC Applications	99111B+	n/a	185

PC Application Family Support covers the following products:

HPWORD	27505A		
Advancewrite	27506F		
Wordstar	45400D	68345F	
Visicalc	45405A		
Text Charts	45406E		
Datafax	45408C		
Series 100 Graphics	45410A		
Drawing Gallery	45411A		
Executive Card Manager	45412A	683331F	
Transcend/COM	45414A		
Condor 1	45415A		
Condor 3	45416A		
Executive Memomaker	45418A	68330F	
Memomaker	45420A	45420E, 45504K	
Personal Card File	45422A	45422E	
Financial Calculator	45423D		
Multimate	45424A	68338F	
DSN/Link	45425A		
WordStar Professional	45427D	68436F	
AdvanceLink	45431A	45431E	
Gallery Picture Library	45433A		
Executive Card Manager Template	45441D	68335F	
Forms Master	45443A		
Execudesk	45444A		
Compiled BASIC by Microsoft	45446D		
PASCAL by Microsoft	45447D		
COBOL by Microsoft	45448D		
FORTRAN by Microsoft	45449D		
GW BASIC by Microsoft	45450D		
Lattice C Compiler	45452D		
BPI General Accounting	45455A		
BASIC by Microsoft	45455D	82862K	
BPI Accounts Receivable	45456A		
BPI Accounts Payable	45457A		
BPI Payroll	45458A		
BPI Personal Accounting	45459A		
BPI Inventory Control	45460A		
BPI Job Cost	45461A		
Picture Perfect	45462A		
Diagraph	45463A		
Microplan	45465A		

Product	AMS (T00)	RCS (H00)	ASC (V00)	SNS (N00)
---------	--------------	--------------	--------------	--------------

Microplan Consolidation	45466D			
D Base II	45468D			
Multiplan by Microsoft	45473A			
Word by Microsoft	45474D	45549K		
Lotus 1-2-3	45482A	45548K	68340F	
Graphwriter	45484A			
PFS File and Report	45488A			
PFS Write	45489A			
PFS Graph	45490A			
D.J. Spreadsheet Link	45511D			
Charting Gallery	45513A			
R Base 4000	45545A			
IBM Term Emulator	45641B			
MS-DOS Marco Assembler	45953A			
Executive Spreadsheet	68332F			
Advancelink	68333F			
R Base 5000	68336F			
R Base 5000 P.I.	68337F			
Symphony	68339F			
Multimate Advantage	68343F			
PC 2622	82861K			

#### Application Software Products by Family

Product	AMS (T00)	RCS (H00)	ASC (V00)	SNS (N00)
<b>Office Applications (99105B+_00)</b>				
HPCONVERT/WPS	27500A+	15	3	3
HPCONVERT/DCA	27509A+	16	5	3
HPCONNECT	27515A+	10	5	3
HPLIBRARY	27520A+	10	5	3
HPCONNECT/PROFS	27521A+	16	5	3
HPSCHEMULER	27522A+	10	5	3
Interactive Office Products	32114A+	75	15	15
HPWord Intrinsic	32119A+	10	3	3
HPWord	32120A+	25	10	3
HPDeskManager	36570A+	30	6	5
HPTelex	36572A+	25	5	3
TDP/3000	36578A+	30	6	3

#### Manufacturing Applications (99101B+\_00)

Product	AMS (T00)	RCS (H00)	ASC (V00)	SNS (N00)
<b>MAINTENANCE MANAGEMENT PRODUCTS</b>				
Model 25	32153A+	25	4	3
Model 35	32154A+	30	5	3
Model 20	32275A+	25	12	3
Model 30	32276A+	30	5	3
Inventory Control Model	32277A+	5	3	3
Advance Customization	32279A+	100	20	5
HP JIT	32620A+	55	35	3
HP JIT Touch	32621A+	12	8	
HPJIT MAX	32625A+	85	42	11
HPJIT/MAT'L MGT	32627A+	125	50	18
PM/3000 Advanced Customization	32630A+	100	20	5
HPJIT Advanced Customization	32631A+	100	20	5
MRP	32905A+	15	5	3

Product		SMS (S00)	EMS (W00)	MUS (Q00)
MPS	32906A+	15	2	3
SPC	32907A+	10	2	3
FOE	32908A+	10	2	3
LTC	32909A+	30	5	3
CRP	32913A+	30	5	3
PCM	32920A+	40	8	5
PCM Advanced Customization	32922A+	100	20	5
MM/3000 Advanced Customiz.	32267A+	100	20	5
MM/3000 Model 10	32904A+	30	5	5
Model 20	32903A+	40	10	3
Model 25	32260A+	50	10	5
Model 30	32916A+	75	15	15
PM/3000 Model 10	32912A+	35	6	5
Model 20	32911A+	45	10	5
Model 30	32270A+	65	10	5
MM/PM Plus	34002A+	190	38	28
MM Plus	34003A+	125	28	23
HP Purchasing	34006A+	10	5	3
HP Purchasing Adv'd Custom.	34009A+	100	20	5
<b>Administrative Applications (99104B+ _00)</b>				
GL/3000 (Object)	32285A+	50	10	3
AP/3000 (Object)	32286A+	50	10	3
AR/3000 (Object)	32287A+	50	10	3
GL/3000 (Source)	32292A+	20	5	n/a
AP/3000 (Source)	32293A+	20	5	n/a
AR/3000 (Source)	32294A+	20	5	n/a
HPPay	32296A+	50	5	3
HPGeneral Ledger	32305A+	15	5	3
HP Dual Ledger	32306A+	25	5	3
HPAllocator	32307A+	25	5	3
HP/Accounts Payable	32308A+	15	5	3
HP/Accounts Receivable	32309A+	15	5	3
HP/Report	32310A+	15	5	3
HP/Interface	32311A+	15	5	3
HPGA	32312A+	60	12	3
HPFA Advanced Customization	32336A+	150	30	5
HPFA Package	32339A+	110	35	21
Application Link	35301A+	10	3	3
Financial Budgeting	35350A+	10	5	3
<b>Distribution Applications (99103B+ _00)</b>				
SFDII	36401A+	40	10	7
SFDI	36403A+	40	10	7
HPINVISION	36414A+	12	3	3
OM/3000	36415A+	15	5	3
<b>Semiconductor Productivity Applications (99110B+ _00)</b>				
IC-10	33900A+	60	20	5
TD-10	33902A+	20	10	5
EN-10	33903A+	45	10	5
EA-10	33904A+	50	10	5
CA-10 I	33911A+	60	20	5
CA-10 II	33912A+	45	10	5

Product		SMS (S00)	EMS (W00)	MUS (Q00)
PL-10	33913A+	30	6	5
OL-10	33920A+	40	10	5
PC-10/3000	33921A+	25	5	5
TC-10	33930A+	35	10	10
<b>PC Applications (99111B+ _00)</b>				
PrintCentral IBM PC	36890E+	3	n/a	n/a
Print Central Touchscreen	36890S+	3	n/a	n/a
HPAccess Touchscreen	36898A+	3	n/a	n/a
<b>Software Updates</b>				
35133A	HP 3000 Software Update Media Product provides QUOTE current version of FOS available at time shipment.			
022	Designates CS80 cartridge tape media			0
050	Designates 800 bpi magnetic tape media			0
051	Designates 1600 bpi magnetic tape media			0
100	Designates latest MPE V/E FOS version			0
101	Designates latest MPE V/P FOS version			0
102	Designates latest MPE V/R FOS Version			0
103	Designates latest MPE XL release			0
500	Series 11/111 SPU software update			0
502	Series 30/33 SPU software update			0
600	Series 37/37XE SPU software update			0
601	Series 39 SPU software update			0
602	Series 4X SPU software update			0
603	Series 58 SPU software update			0
604	Series 6X SPU software update			0
605	Series 70 SPU software update			0
630	Series 930 Preconfigured SPU software update			0
730	Series 930 SPU software update			0



