

# HP 3000 Computer Systems



## Price Guide

Effective July, 1984

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Product Number	Description	U.S. List Price	SMMC
<b>SYSTEM PROCESSOR UNITS -----</b>			
32514B	HP 3000 Series 39 System Processor Unit (60 Hz). Must order all ADCCs separately.	\$ 33,200	243
	M01: Remote Support Service Credit	0	-65
011	Model 11 Packaged System	-11,400	0
012	Model 12 Packaged System	-8,200	0
014	Model 14 Packaged System	-5,200	0
015	220V/50 Hz single phase operation	0	0
051	Software on 1600 bpi magnetic tape	0	0
507	Expand memory to 1024 Kb	8,200	16
32445A	HP 3000 Series 40 System Processor Unit (60 Hz). Must order all ADCCs separately.	33,200	250
	M01: Remote Support Service Credit	0	-65
015	220-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape	0	0
507	Expands memory to 1024 Kb	8,200	16
32542B	HP 3000 Series 42 System Processor Unit (60 Hz). Must order all ADCCs separately.	42,400	259
	M01: Remote Support Service Credit	0	-25
015	220-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape	0	0
409	Substitute MPE-V/E for MPE-V/P	0	0
32440B	HP 3000 Series 44 System Processor Unit (60 Hz). Must order all ADCCs separately.	64,500	279
	M01: Remote Support Service Credit	0	-65
015	200-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape	0	0
32548B	HP 3000 Series 48 System Processor Unit (60 Hz). Must order all ADCCs separately.	79,500	297
	M01: Remote Support Service Credit	0	-25
015	220-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape	0	0
410	Substitute MPE-V/E for MPE-V/P	0	0
32460B	HP 3000 Series 64 System Processor Unit (60 Hz). Must order an ATP separately.	166,100	690
	M01: Remote Support Service Credit	0	-75
015	380V/50 Hz three phase operation	0	0
016	415V/50 Hz three phase operation	0	0
32468B	HP 3000 Series 68 System Processor Unit (60 Hz). Must order an ATP separately.	186,100	765
	M01: Remote Support Service Credit	0	-50
015	380V/50 Hz three phase operation	0	0
016	415V/50 Hz three phase operation	0	0
25C	Add Expansion Bay and I/O Adapter (IMB)	25,000	53
411	Substitute MPE-V/P for MPE-V/E	0	0

Product Number	Description	U.S. List Price	SMMC
35030A	Power Line Conditioner (Series 30, 39 40 and 42)	\$ 1,100	6
<b>RE-MARKETED SYSTEMS -----</b>			
32412CR	HP 3000 Series 33R System (Re-Marketed) (60 Hz) includes 512 Kb, 2649E console, FOS on 1600 bpi tape. Must order all ADCCs and GICs separately.	12,225	307
015	Adds 50 Hz Operation	0	0
018	ADCC-Main with four ports	1,185	10
019	ADCC-Extender with four ports	1,185	10
507	Expands memory to 1024 Kb	6,030	40
720	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	9,825	95
721	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	9,825	95
725	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	13,725	85
726	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	13,725	85
920	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	13,175	139
921	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	13,175	139
925	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	17,750	129
926	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	17,750	129
E72	7970E 1600 bpi tape drive in low-boy cabinet HP-IB (110 VAC)	11,010	164
E73	7970E 1600 bpi tape drive in low-boy cabinet HP-IB (230 VAC)	11,010	164
32430CR	HP 3000 Series 30R System (Re-Marketed) (60 Hz) includes 512 Kb, 2649E console, FOS on 1600 bpi tape. Must order all ADCCs and GICs separately.	11,475	296
015	Adds 50 Hz Operation	0	0
018	ADCC-Main with four ports	1,185	10
019	ADCC-Extender with four ports	1,185	10
507	Expands memory to 1024 Kb	6,030	40
720	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	9,825	95
721	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	9,825	95
725	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	13,725	85
726	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	13,725	85

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Product Number	Description	U.S. List Price	SMMC
920	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	\$ 13,175	139
921	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	13,175	139
925	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	17,750	129
926	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	17,750	129
E72	7970E 1600 bpi tape drive in low-boy cabinet HP-IB (110 VAC)	11,010	164
E73	7970E 1600 bpi tape drive in low-boy cabinet HP-IB (230 VAC)	11,010	164
32435BR	HP 3000 Series IIIR System (Re-Marketed) includes 512 Kb, 1 ATC, with Bell 103, 202T, and 212 modem support, and FOS on 1600 bpi tape	20,400	538
008	Software on 800 bpi tape	0	0
010	INP Board	3,305	43
015	Adds 50 Hz operation	0	0
032	Additional ATC	2,205	15
033	Additional ATC (with modem control)	3,110	18
055	SSLC Board	1,255	19
209	Line Printer Controller	955	6
215	Additional Magnetic Tape Controller	1,985	17
507	Expands memory to 1024 Kb	7,020	50
509	Expands memory to 1524 Kb	14,030	108
511	Expands memory to 2048 Kb	21,035	158
720	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	9,825	95
721	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	9,825	95
725	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	13,725	85
726	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	13,725	85
820	7920M Master 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	12,175	135
821	7920M Master 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	12,175	135
825	7925M Master 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	16,750	125
826	7925M Master 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	16,750	125
870	7970E 1600 bpi tape drive in new upright cabinet (110 VAC)	11,725	100
871	7970E 1600 bpi tape drive in new upright cabinet (230 VAC)	11,725	100

Product Number	Description	U.S. List Price	SMMC
<b>I/O EXPANSION -----</b>			
30018A	Asynchronous Data Communications Controller (ADCC) - Main	\$ 1,695	10
030	Series 30 internal cable	0	0
033	Series 33 internal cable	0	0
040	Series 39,40,42 internal cable	0	0
044	Series 44,48 internal cable	0	0
30018AR	ADCC-Main (Re-Marketed)	1,440	10
030	Series 30/30R cable	0	0
033	Series 33/33R cable	0	0
040	Series 40/40R/42 cable	0	0
044	Series 44/44R/48 cable	0	0
30019A	Asynchronous Data Communications Controller (ADCC) - Extender	1,695	10
030	Series 30 internal cable	0	0
033	Series 33 internal cable	0	0
040	Series 39,40,42 internal cable	0	0
044	Series 44,48 internal cable	0	0
30019AR	ADCC-Extender (Re-Marketed)	1,440	10
030	Series 30/30R cable	0	0
033	Series 33/33R cable	0	0
040	Series 40/40R/42 cable	0	0
044	Series 44/44R/48 cable	0	0
30079A	General I/O Channel (GIC)	1,900	13
030	Series 30 internal cable	0	0
033	Series 33 internal cable	0	0
040	Series 39,40,42 internal cable	0	0
044	Series 44,48 internal cable	0	0
064	Series 64,68 internal cable	0	0
30087A	HP 3000 Series 44 I/O Expansion Kit	9,000	26
30143A	Series 64, 68 I/O Adapter Module (IMB)	10,100	34
NOTE: Advanced Terminal Processor (ATP) consists of an SIB (30144A) and Port Controllers (30145A or 30155A)			
<i>\$6017 + 1/16</i>	30144A	ATP System Interface Board (SIB) <i>12491</i>	3,145 15 <i>11,985</i>
<i>\$12491 + 1/16</i>	30145A	ATP Direct Connect Port Controller. Standard Provides 12 RS-422 Ports.	6,530 28
001	Order once to preassemble ATP on Series 68	-250	0
002	Replace Quantity 4 Type 422 ports with Quantity 4 Type 232 ports. (Need to order Quantity 3 to replace all 12 ports.)	0	0
003	Order once to preassemble ATP on the add-on I/O Bay on the Series 68	0	0

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30155A	ATP Modem Port Controller	\$ 8,070	34
001	Order once to preassemble ATP on Series 68	-250	0
003	Order once to preassemble ATP on the	0	0
30464A	Series 68A Expansion Bay and I/O Adapter (IMB)	30,000	74
251	Junction Panels (required if no ATP is ordered)	0	0
30464B	Series 68B Expansion Bay and I/O Adapter (IMB)	30,000	53
251	Junction Panels (required if no ATP is ordered)	0	0
30010A	Intelligent Network Processor (INP) for Series III	4,750	43
001	New I/O card cage backplane for Series II	400	N/A
30020B	Intelligent Network Processor (INP) for Series 3x, 4x, or 6x	4,235	53
----- MEMORY EXPANSION -----			
30092A	512 Kb (2 boards) Series 39, 4X Memory Module (set of two 256Kb boards)	8,500	16
30094A	Add-on Series 44, 48 Memory Controller	1,600	11
30142A	1 Mb Memory Module for Series 64, 68	12,000	75
30161A	1 Mb Memory Module for Series 39, 4x	12,000	32
30171A	256 Kb Memory Module for Series 39, 40, 42	4,500	8
30171AR	256 Kb Memory Module for Series 39, 4x (Re-Marketed)	3,825	8
----- DISC DRIVES -----			
7911P	28 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	14,800	54
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11
7912P	65 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	17,350	56
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11
7920S	Add-on 50 Mb Disc Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
7920SR	Add-on 50 Mb Disc Drive (Re-Marketed)	1,840	24
015	220V/50 Hz single phase operation	0	0
7925M	Master 120 Mb Disc Drive	17,350	56
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
7920MR	Master 50 Mb Disc Drive (Re-Marketed)	12,175	135
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,000	4
7920M	Master 50 Mb Disc Drive	22,130	135
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
114	Add second 7914 (opt. 140) disc drive	14,290	52
015	220V/50 Hz single phase operation	0	0
002	Add cartridge tape drive and second controller in a 72" High Cabinet	5,410	24
7914TD	Mass Storage Subsystem Consisting of 132 Mb 7914 Disc Drive and 7970E 1/2" Mag Tape Drive (HP-IB Version) Mounted	26,540	209
015	220V/50Hz single phase operation	0	0
114	Add second 7914 (opt. 140) disc drive	13,830	52
800	Dual-density operation; 800/1600 bpi	2,500	16
002	Add cartridge tape drive and second controller	5,410	38
7914ST	Mass Storage Subsystem consisting of 132 Mb 7914 disc drive and 7974A 1/2" mag tape drive mounted in a 56" high cabinet.	26,495	143
015	220V/50Hz single phase operation	0	0
114	Add second 7914 (opt. 140) disc drive	13,830	52
800	Dual-density operation; 800/1600 bpi	2,500	16
002	Add cartridge tape drive and second controller	5,410	38
015	220V/50 Hz single phase operation	0	0
140*	Deletes cartridge tape drive	-3,570	-14
7914R	132 Mb second disc drive for an installed 7914TD/ST that was ordered without the second disc drive (option 114)	19,900	66
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-14
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
7914P	132 Mb Disc Drive with Integral 67 Mb Tape Cartridge	19,900	66
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11

\* Required for use on MPE based systems.

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015	220V/50 Hz single phase operation	\$ 0	0
140	Deletes cartridge tape drive	-3,570	-11
7914P	132 Mb Disc Drive with Integral 67 Mb Tape Cartridge	19,900	66
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-14
7914R	132 Mb second disc drive for an installed 7914TD/ST that was ordered without the second disc drive (option 114)	19,900	66
015	220V/50 Hz single phase operation	0	0
140*	Deletes cartridge tape drive	-3,570	-14
30010A	Intelligent Network Processor (INP)	4,750	43
001	New I/O card cage backplane for Series II	400	N/A
30020B	Intelligent Network Processor (INP) for Series 3x, 4x, or 6x	4,235	53
----- MEMORY EXPANSION -----			
30092A	512 Kb (2 boards) Series 39, 4X Memory Module (set of two 256Kb boards)	8,500	16
30094A	Add-on Series 44, 48 Memory Controller	1,600	11
30142A	1 Mb Memory Module for Series 64, 68	12,000	75
30161A	1 Mb Memory Module for Series 39, 4x	12,000	32
30171A	256 Kb Memory Module for Series 39, 40, 42	4,500	8
30171AR	256 Kb Memory Module for Series 39, 4x (Re-Marketed)	3,825	8
----- DISC DRIVES -----			
7911P	28 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	14,800	54
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11
7912P	65 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	17,350	56
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11
7920S	Add-on 50 Mb Disc Drive	1,840	24
015	220V/50 Hz single phase operation	0	0
7920SR	Add-on 50 Mb Disc Drive (Re-Marketed)	1,840	24
015	220V/50 Hz single phase operation	0	0
7925M	Master 120 Mb Disc Drive	17,350	56
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
7920MR	Master 50 Mb Disc Drive (Re-Marketed)	12,175	135
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,000	4
7920M	Master 50 Mb Disc Drive	22,130	135
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
114	Add second 7914 (opt. 140) disc drive	14,290	52
015	220V/50 Hz single phase operation	0	0
002	Add cartridge tape drive and second controller in a 72" High Cabinet	5,410	24
7914TD	Mass Storage Subsystem Consisting of 132 Mb 7914 Disc Drive and 7970E 1/2" Mag Tape Drive (HP-IB Version) Mounted	26,540	209
015	220V/50Hz single phase operation	0	0
114	Add second 7914 (opt. 140) disc drive	13,830	52
800	Dual-density operation; 800/1600 bpi	2,500	16
002	Add cartridge tape drive and second controller	5,410	38
7914ST	Mass Storage Subsystem consisting of 132 Mb 7914 disc drive and 7974A 1/2" mag tape drive mounted in a 56" high cabinet.	26,495	143
015	220V/50Hz single phase operation	0	0
114	Add second 7914 (opt. 140) disc drive	13,830	52
800	Dual-density operation; 800/1600 bpi	2,500	16
002	Add cartridge tape drive and second controller	5,410	38
015	220V/50 Hz single phase operation	0	0
140*	Deletes cartridge tape drive	-3,570	-14
7914R	132 Mb second disc drive for an installed 7914TD/ST that was ordered without the second disc drive (option 114)	19,900	66
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-14
001*	Adds dedicated controller for Cartridge Tape Drive	1,840	24
7914P	132 Mb Disc Drive with Integral 67 Mb Tape Cartridge	19,900	66
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11

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Product Number	Description	U.S. List Price	SMMC
7925MR	Master 120 Mb Disc Drive (Re-Marketed)	\$ 16,750	125
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,000	4
7925S	Add-on 120 Mb Disc Drive	18,220	85
015	220V/50 Hz single phase operation	0	0
250	Disc Controller Upgrade	535	0
7925SR	Add-on 120 Mb Disc Drive (Re-Marketed)	13,725	85
015	220V/50 Hz single phase operation	0	0
7925T	Add-On 240 Mb Disc Storage System	32,190	170
015	220V/50 Hz single phase operation	0	0
7933H	404 Mb Fixed Media Disc Drive, Standard Oper. Voltage is 208V w/1 m HP-IB Cable	25,520	90
120	120V/50 Hz/60 Hz	0	0
220	220V/60 Hz for Canada	0	0
221	220V/50 Hz for Continental Europe	0	0
222	220V/50 Hz for Switzerland	0	0
223	220V/50 Hz for Denmark	0	0
241	240V/50 Hz for United Kingdom	0	0
242	240V/50 Hz for Australia and New Zealand	0	0
7933G	1.2 Gb Storage System, Consists of Three 7933H, 404 Mb Disc Drives each with Media, Controller, Power Supply, and 1 m HP-IB Cable	63,560	270
120	120V/50 Hz/60 Hz	0	0
220	220V/60 Hz for Canada	0	0
221	220V/50 Hz for Continental Europe	0	0
222	220V/50 Hz for Switzerland	0	0
223	220V/50 Hz for Denmark	0	0
241	240V/50 Hz for United Kingdom	0	0
242	240V/50 Hz for Australia and New Zealand	0	0
7935G	1.2 Gb Removable Disc Storage System Consisting of Three 7935H 404 Mb Disc Drives, each with Media, Controller, Power Supply and 1m HP-IB Cable	74,000	507
120	120V/50 Hz/60 Hz	0	0
220	220V/60 Hz for Canada	0	0
221	220V/50 Hz for Continental Europe	0	0
222	220V/50 Hz for Switzerland	0	0
223	220V/50 Hz for Denmark	0	0
241	240V/50 Hz for United Kingdom	0	0
242	240V/50 Hz for Australia and New Zealand	0	0
7935H	404 Mb Removable Media Disc Drive, Standard Operating Voltage is 208V w/1 m HP-IB Cable	28,070	169
120	120V/50 Hz/60 Hz	0	0
220	220V/60 Hz for Canada	0	0
221	220V/50 Hz for Continental Europe	0	0

Product Number	Description	U.S. List Price	SMMC
222	220V/50 Hz for Switzerland	\$ 0	0
223	220V/50 Hz for Denmark	0	0
241	240V/50 Hz for United Kingdom	0	0
242	240V/50 Hz for Australia and New Zealand	0	0
97935A	404 Mb Removable Media Module for 7935H Disc Drive	1,531	38
9895A	Flexible Disc System Must order options 010 and 333.	5,910	77
001	50 Hz operation	0	0
010	Single drive system (1.2 Mb) with manual for HP 3000 hook-up and use.	-1,330	-36
10833B	2-meter HP-IB cable for HP 3000	91	0
92195A	Box of ten (10) double-sided, double-density, 8 inch discs for 9895A	168	N/A
12940A	Disc Cartridge for 7906M/S	190	N/A
88140S	7911/7912 16.7 Mb Tape Cartridges (5 pack)	130	N/A
88140SC	7911/7912 16.7 Mb Certified Tape Cartridges (5 pack)	150	N/A
88140L	7911/7912/7914 67.1 Mb Tape Cart. (5 pack)	180	N/A
88140LC	7911/7912/7914 67.1 Mb Certified Tape Cartridges (5 pack)	200	N/A
13394A	7920M/S Disc Pack	560	N/A
13356A	7925M/S Disc Pack	905	N/A
<b>MAGNETIC TAPE SUBSYSTEMS</b>			
7970B	800 cpi/45 ips Magnetic Tape Subsystem	8,410	103
015	230V operation	0	0
The following options apply to the Series III:			
324	Initial drive on 30215A controller in lo-boy cabinet	3,705	13
334	Initial drive on 30215A controller without cabinet*	1,365	0
330	Add-on drive without cabinet*	1,120	0
* Refer to 26074A Installation Kit			
7970E	1600 cpi/45 ips Magnetic Tape Subsystem	10,160	97
015	230V operation	0	0
The following options apply to the Series III:			
324	Initial master drive on 30215A controller in lo-boy cabinet	3,585	13

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Product Number	Description	U.S. List Price	SMMC
330	Add-on master drive without cabinet*	\$ 1,345	0
331	Slave drive without cabinet*	300	-7
The following options apply to the Series 3x,4x, and 6x:			
426	HP-IB master drive in lo-boy cabinet	5,110	67
436	HP-IB master drive without cabinet*	2,310	54
431	Slave drive without cabinet*	300	-7
* Refer to 26074A Installation Kit			
7970ER	1600 cpi Tape Drive in lo-boy cabinet (Re-Marketed)	6,940	97
015	Adds 230V/50 Hz operation	0	0
324	Initial master drive on S/III, S/IIIR	3,590	13
426	HP-IB initial master	4,070	67
7971A	Magnetic Tape Subsystem in Upright Cabinet	11,200	0
015	230V operation	0	0
The following options apply to the Series III:			
480	7970B Initial drive	1,935	106
410	7970B Add-on drive	2,035	106
481	7970B Two drives, initial and add-on	12,730	209
411	7970B Two drives, add-on	12,830	209
470	7970E Initial master drive	3,565	100
420	7970E Add-on master drive	3,765	100
472	7970E Two masters, initial and add-on	14,460	197
422	7970E Two masters, add-on	14,660	197
430	7970E Slave drive	1,935	93
433	7970E Two slave drives	12,520	183
473	7970E Two drives, initial master and slave	13,440	190
423	7970E Two drives, add-on master and slave	13,540	190
482	7970B Initial drive and 7970E add-on master	13,540	203
The following options apply to the Series 3x,4x, and 6x:			
340	7970E HP-IB Master	5,090	154
344	7970E Two HP-IB masters (Series 44,48, 64,68 only)	16,700	305
330	7970E Slave drive	1,935	93
333	7970E Two slave drives	12,520	183
343	7970E Two drives, HP-IB master and slave	14,560	244
7974A	1600 cpi/50 ips Start/Stop, 100 ips Streaming Magnetic Tape Subsystem with HP-IB Interface.*	12,500	91
131	Delete cabinet; add hardware for installation in existing 7974A cabinet	-500	0
800	Add 800 cpi NRZI format	2,500	16

Product Number	Description	U.S. List Price	SMMC
* Series 64 or 68 systems shipped before March 1, 1984, require a DCU firmware upgrade (DCU ROM rev. 2403 or greater) to use 7974A or 7978A as system cold load device.			
7976A	1600/6250 cpi 75 ips Magnetic Tape Subsystem	\$ 44,440	586
010	For oper. at altitudes from 2500-6500 ft.	0	0
011	50 Hz operation	0	0
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
316	Tape drive subsystem for Series III*	0	0
416	Tape drive subsystem for Series 3x,40,42	0	0
516	Tape drive subsystem for Series 44,48	0	0
616	Tape drive subsystem for Series 64,68	0	0
* Requires 30341A HP-IB Interface Module. 7970B/E required for CPU diagnostics and memory dump.			
7976A	Quantity Two (2) high speed 1600/6250 bpi Tape Systems. Must be ordered together.	88,880	1172
222	Twin-Pak credit	-7,500	0
Total after credit		81,380	
7978A	1600/6250 cpi, 75 ips Streaming Magnetic Tape Subsystem with HP-IB Interface *	22,000	101
132	Delete cabinet; add hardware for installation in existing 7978A cabinet.	-500	0
670	Return credit for 7970E tape drive	-1,000	N/A
* Series 64 or 68 systems shipped before March 1, 1984 require a DCU firmware upgrade (DCU ROM rev. 2403 or greater) to use 7974A or 7978A as system cold load device.			
26074A	Installation Kit for Mounting the 7970B/E in the Bottom Rack of a 7971A Cabinet	460	0
26075A	Multiple System Access Selector. Order Cables Separately.	725	6
30215AR	Magnetic Tape Controller. Interfaces fifth through eighth 7970B or 7970E magnetic tape drives with 300 level options. (Re-Marketed)	2,710	17
<b>PRINTERS AND CONTROLLERS</b> -----			
2563A	300 lpm printer	5,780	52
	U02: 45 - 66 print hours per month		72
	U03: 67 - 88 print hours per month		95
	U04: 89 -132 print hours per month		135

Product Number	Description	U.S. List Price	SMMC
001	Line Draw, Math and Block	\$ 150	0
002	Replaces std. with Katakana8	150	0
003	High Density OCR Characters	150	0
004	High Density Roman8	150	0
005	High Density Italics Roman8	150	0
006	High Density Katakana8	150	0
007	Bar Codes	150	0
015	220 VAC, 50/60 Hz	0	0
016	100 VAC, 50/60 Hz	0	0
017	240 VAC, 50/60 Hz	0	0
049	RS-232 interface subsystem	-90	0
055	HP 3000 Multipoint subsystem	410	0
068	3-Pack Ribbons (92158A)	77	0
110	Sound abatement attachment	155	0
112	Enclosed printer stand	275	0
115	Passive paper stacker	345	0
333	HP 3000 30,33 subsystems	410	0
340	HP 3000 39,40,42 subsystems	410	0
344	HP 3000 44,48 subsystems	410	0
364	HP 3000 64,68 subsystems	410	0
500	Extended Capabilities Package	870	0
715	Service Documentation	30	0

NOTE: - Only four high density character sets may be installed at one time.  
- Only one printer subsystem may be ordered with the Series 300 LP.

26067A	Interface Upgrade Kit for 2563A (Must order one option; includes installation)	510	0
001	HP-IB Interface Kit	55	0
002	Multipoint Interface	55	0
003	RS-232 Interface	0	0
26761A	Character Set Upgrade Kit (Must order option(s); includes installation)	0	0
001	Large block, math, line draw	250	0
002	Katakana8	250	0
003	High Density OCR Characters	250	0
004	High Density Roman8	250	0
005	High Density Roman8 Italics	250	0
006	High Density Katakana8	250	0
007	Bar Codes	250	0
26763A	Passive paper stacker	345	0
26764A	Sound abatement attachment	155	0
Options 301, 302, 344, and 364 for 2611/19A provide a 26069A interface; do not order 26069A separately.			
26069A	2611/19A Line Printer Interface for Series 3x,4x,and 6x. Must order one of the following options.	2,475	22
301	Cable set for Series 30	700	0

Product Number	Description	U.S. List Price	SMMC
302	Cable set for Series 33	\$ 700	0
340	Cable set for Series 39,40,42	700	0
344	Cable set for Series 44,48	700	0
364	Cable set for Series 64,68	700	0
30209AR	Line Printer Controller to interface 2608A, 2613A, 2617A, and 2619A line printers with option 300. (Re-Marketed)	1,285	6
2601A	40 cps Daisywheel Printer. Modem cable included (02631-60065, 13242N equivalent)	3,520	86
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
242	Replaces standard modem cable with 13242G for 262x terminals and HP150	0	0
26010A	Multipart forms tractors for 2601A	565	0
26010D	Dual bin sheetfeeder for 2601A	2,290	27
010	Sheetfeeder upgrade kit	650	0
2602A	20 cps Daisywheel Printer. Cable not incl.	1,545	50
015	220V operation	0	0
017	240V operation	0	0
26020A	Forms tractors for 2602A	285	0
2608A	400 lpm Printer (1-69 print hrs/month) U02: 70-130 print hours per month U03: 131-360 print hours per month	11,890	131
001	Character set; adds language option	165	0
002	Character set; adds language option	165	0
015	220V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	240V/50 Hz single phase operation	0	0
106	Six-Pack Ribbon Starter Kit	145	0
110	Sound cover	265	0
300	HP 3000 Series III interface and cable	615	0
715	Service Documentation	38	0
2608S	400 lpm Printer (1-69 print hrs/month) U02: 70-130 print hours per month U03: 131-360 print hours per month	11,170	90
001	Character set; adds language option	165	0
002	Character set; adds language option	165	0
003	Character set; adds language option	165	0
015	220V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	240V/50 Hz single phase operation	0	0
055	HP 3000 Multipoint I/O Subsystem	870	0
068	6-Pack Ribbon Starter Kit	145	0
110	Sound Cover/Static Suppressor	265	0
113	Cabinet replaces pedestal stand	310	0

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Number	Description	Price	SMMC
015	220V/50 Hz operation	\$ 0	0
016	100V/50 Hz operation	0	0
035	RS422 for ATP	125	0
050	Integral Thermal Printer	1,210	8
061	Green CRT	50	0
090	Delete Pedestal and Fan	0	0
201	Math and Large Character Set (included with language options)	265	0
301	U.S. Modem Cable, Male, Same as 13222N	79	0
302	European Modem Cable, Male, Same as 13222M	79	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	53	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
401	Tilt and Swivel Base	50	0
2627A	Color Graphics Terminal	5,975	20
001	Finnish/Swedish keyboard	105	0
002	Danish/Norwegian keyboard	105	0
003	French keyboard	105	0
004	German keyboard	105	0
005	United Kingdom keyboard	105	0
006	Spanish keyboard	105	0
013	240V/50 Hz	0	0
014	100V/60 Hz	0	0
015	220V/50 Hz	0	0
016	100V/50 Hz	0	0
087	Video Interface (includes cables)	250	0
301	U.S. Modem Cable, Male, Same as 13222N	79	0
302	European Modem Cable, Male, Same as 13222M	79	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	53	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
2628A	HPWORD Terminal	3,195	13
001	Swedish character set/keyboard	0	0
002	Norwegian character set/keyboard	0	0
004	German character set/keyboard	0	0
005	United Kingdom character set/keyboard	0	0
006	Spanish character set/keyboard	0	0
007	French Canadian character set/keyboard	0	0
008	French character set/keyboard	0	0
009	Italian character set/keyboard	0	0
010	Dutch character set/keyboard	0	0

Number	Description	Price	SMMC
011	Finnish character set/keyboard	\$ 0	0
012	Danish character set/keyboard	0	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
021	Port 1 Data Link	125	0
022	262x Pod Adapter	125	0
027	First Daisy Chain	60	0
028	Asynchronous Daisy Chain	50	0
038	Synchronous Daisy Chain	90	0
046	HP-IB Port	150	0
050	Integral Thermal Printer	1,210	8
061	Green CRT	50	0
062	Amber CRT	100	0
301	U.S. Modem Cable, Male, Same as 13242N	79	0
302	European Modem Cable, Male, Same as 13242M	79	0
303	RS-232-C Cable, Female, Same as 40242C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13242X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13242Y	74	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13242P	79	0
308	IM HP-IB Cable, Same as 45529A	70	0
309	Daisy Chain Multipoint Cable	79	0
310	First Multipoint Cable, Synchronous, Clock from Terminal	79	0
311	First Multipoint Cable, Synchronous, Clock from Modem	79	0
312	First Multipoint Cable, Asynchronous	79	0
401	Tilt and Swivel Pedestal	50	0
523	HP and TEK 4014 Graphics	640	0
2641A	APL Display Station	5,850	34
201	Math Character Set	105	0
202	Line Drawing Set	160	0
203	Large Character Set	160	0
	(See below for additional options)		
2645A	Display Station	4,600	34
005	U.K. Character Set	0	0
008	Expands memory to 8 Kb	315	0
009	Expands memory to 12 Kb	525	0
061	Device Support Firmware	180	0
	(See below for additional options)		
2645N	Danish/Norwegian Display Station (See below for options)	4,900	33
2645R	Arabic Display Station	5,750	44
201	Math Character Set	105	0

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Product Number	Description	U.S. List Price	SMMC
202	Line Drawing Set	\$ 160	0
203	Large Character Set (See below for additional options)	160	0
2645S	Swedish/Finnish Display Station (See below for options)	4,900	33
2647F	Intelligent Graphics Terminal	11,500	89
072	Second Flexible Mini Disc Drive	1,050	0
890	Series 64,68 Console (See below for additional options)	-1,750	0
2648A	Graphics Terminal	8,650	41
096	Shared Peripheral Interface (See below for additional options)	735	0
The following options and products apply to 2641A, 2645A/N/R/S, 2647F, and 2648A except as noted:			
003	Display Enhancements (except 2641A, 2645N/R/S, 2647F)	325	0
004	Display Enhancements with Math and Large Character Sets (except 2641A, 2645N/R/S, 2647F)	525	0
007	Integrated dual cartridge tapes (except 2647F)	1,400	12
015	230V/50 Hz	0	0
016	115V/50 Hz (except 2641A, 2645N/R/S)	0	0
033	Delete communications interface; add asynchronous multipoint communication capability; includes monitor mode (except 2647F)	265	0
034	Delete communications interface; add synchronous multipoint communications capability; includes monitor mode (except 2647F)	290	0
035	RS422 for ATP (except 2641A, 2645N/R/S)	125	0
054	Video Output Interface (except 2641A, 2645N/R/S, and 2647F)	160	0
301	U.S. Modem Cable, Male, Same as 13232N	89	0
302	European Modem Cable, Male, Same as 13232M	89	0
303	RS-232-C Cable, Female, Same as 13232C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13232X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13232Y (except 2647F)	74	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13232I	79	0
2703A	High Performance Color Graphics Terminal	19,900	160
001	Finnish/Swedish character set/keyboard	0	0
002	Norwegian/Danish character set/keyboard	0	0
003	French character set/keyboard	0	0
004	German character set/keyboard	0	0
005	United Kingdom character set/keyboard	0	0

Product Number	Description	U.S. List Price	SMMC
006	Spanish character set/keyboard	\$ 0	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
054	RGB video output interface	1,150	0
072	Dual integral flexible mini-discs	2,200	0
096	Shared peripheral interface	1,250	0
164	Application memory 128 Kb	1,250	0
165	Application memory 256 Kb	1,850	0
174	Increases vector memory by 64 Kb	300	0
175	Increases vector memory by 192 Kb	1,150	0
176	Increases vector memory by 448 Kb	2,650	0
177	Increases vector memory by 960 Kb	5,500	0
186	Double buffered graphics memory	1,350	0
301	U.S. Modem Cable, Male, Same as 13222N	79	0
302	European Modem Cable, Male, Same as 13222M	79	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	53	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
555	Model 55 Technical Design Terminal	4,100	0
560	Model 60 Decision Support Workstation	4,100	0
565	Model 65 Presentation Graphics Workstation	8,100	0
<b>DATA COLLECTION AND INDUSTRIAL TERMINALS-----</b>			
3075A	Desk Top Data Capture Terminal (See below for options)	2,715	54
3076A	Wall Mounted Data Capture Terminal (See below for options)	3,200	54
The following options apply to 3075A and 3076A:			
004	Alphanumeric keyboard	270	0
005	Alphanumeric display	570	0
006	5-inch CRT	985	17
007	Multifunction reader	985	46
008	Type V badge reader	570	26
009	Alphanumeric printer	570	35
010	General Purpose Bar Code Reader	640	12
011	Auxiliary HP-IB Port	805	0
012	Magnetic Stripe Reader	690	13
013	RS-232-C Auxiliary Interface	570	0
015	220V/240V operation	0	0
021	Delete reference manual	-50	N/A
054	Low resolution industrial bar code reader	1,030	11
055	High resolution industrial bar code reader	1,030	11

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Product Number	Description	U.S. List Price	SMMC
3077A	Time Reporting Terminal	\$ 3,610	61
001	Replace Type V Reader with Multifunction Reader	460	0
002	Replace Type V Reader with Magnetic Stripe Reader	115	0
005	Alphanumeric Display	635	0
015	220V/240V operation	0	0
021	Delete Reference Manual	-50	N/A
3081A	Industrial Workstation Terminal	740	8
004	Alphanumeric keyboard	115	0
020	Mounting Bracket	95	0
052	Office Wand, 12 mil	160	5
053	Office Wand, 6 mil	160	5
054	Industrial Wand, 45 mil	290	8
055	Industrial Wand, 7 mil	290	8
056	Slot Reader, 6 mil	315	8
057	Slot Reader, 15 mil	315	8
92920A	Standard Data Comm Cable for 3081A (300-meter reel)	475	0
92921A	Special Data Comm Cable for 3081A (300-meter reel)	705	0
92922A	4-Channel Adapter for 3081A	945	8
015	220V 50/60 Hz operation	0	0
3092A	Industrial Display Terminal compatible with 2622A (See below for options)	4,305	30
3093A	Industrial Display Terminal compatible with 2623A (See below for options)	6,040	38
The following options apply to 3092A and 3093A:			
001	Finnish/Danish "QWERTY" character set/keyboard	150	0
002	Danish/Norwegian "QWERTY" character set/keyboard	150	0
003	French "QWERTY" character set/keyboard	150	0
004	German "QWERTY" character set/keyboard	150	0
005	U.K. "QWERTY" character set/keyboard	150	0
006	Spanish "QWERTY" character set/keyboard	150	0
007	USASCII "QWERTY" character set/keyboard	0	0
015	220V operation	0	0
035	RS-422 Datacomm	140	0
054	Low resolution bar code reader	815	11
055	High resolution bar code reader	815	11
056	High resolution bar code slot reader	815	11
057	Low resolution bar code slot reader	815	11

Product Number	Description	U.S. List Price	SMMC
39800A	Programmable bar code reader with 2 RS-232 ports and internal power supply.	\$ 1,150	6
39801A	Bar code reader with 2 RS-232 ports and internal power supply.	965	6
<b>TERMINAL ACCESSORIES -----</b>			
13231A	Display Enhancements (except 2647F)	400	0
201	Math Symbols Alternate Character Set	105	0
203	Large Character Alternate Character Set	160	0
13234A	Terminal 4 K Memory Module (except 2647F)	320	0
13236B	Cartridge Tape Upgrade Kit (includes installation)	1,655	0
13250B	Serial Printer Interface Board	330	0
13257N	LINK/47 (2647F/HP 3000 File Transfer Software)	195	0
13260E	RS422 for ATP (data comm. firmware for 2645A standard)	315	0
002	Deletes 45A Data Comm. Firmware/Keyboard and Overlay	-25	0
003	Data Comm. Firmware for 2648A	0	0
13261A	Device Support Firmware	185	0
001	Specifies 2641A	0	0
002	Specifies 2645R	0	0
003	Specifies 2648A	0	0
13265A	300 Baud Modem Pod for 262x	500	0
001	Replaces 262x cable with 264x cable	0	0
13266A	Current Loop Converter for 2x Series (except 21B)	200	0
13266E	RS422 for ATP for 2622A or 2623A	125	0
001	For 2624A/B, 2626A/W	0	0
13273A	Autoplot/2700 Software	1,250	0
13273C	Paintbrush/2700 Software	1,250	0
13273G	Double Buffered Graphics Memory	1,400	0
001	Connectors required for RGB Video Output Interface	50	0
13273H	Shared Peripheral Interface	1,300	0
13273M	RGB Video Output Interface	1,200	0
001	Connectors required for double buffered graphics memory	50	0

Product Number	Description	U.S. List Price	SMMC
13273P	Application Memory 128 Kb	\$ 1,300	0
001	Application Memory 256 Kb	600	0
13273T	Data Tablet and Interface	2,200	0
13273V	Vector Memory 128 Kb	1,200	0
001	Vector Memory 256 Kb	600	0
13296A	Shared Peripheral Interface for 2648A Graphics Terminals	745	0
17623A	Graphics Tablet for 2627A	1,920	12
40206A	Tilt and Swivel Base upgrade for 262x terminals; except 2627A	130	0
92207A	Anti-Glare Filter for 262x terminals	110	0
92207B	Anti-Glare Filter for 264x terminals	110	0
92911A	Bar Code Reader Accessory for 2622A, 2623A, 2624B, 2626A, 2627A and 45500A (HP 125A) terminals. Med. density wand.	650	5
053	High resolution wand	0	0
054	Low resolution industrial wand	130	8
055	High resolution industrial wand	130	8
060	Codabar code	0	0

#### MULTIPOINT TERMINAL COMMUNICATION PRODUCTS -----

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

Product Number	Description	U.S. List Price	SMMC
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>CLUSTER CONTROLLERS -----</b>			
2333A	Multipoint Cluster Controller	2,000	16
015	230V/50 Hz operation	0	0
021	Data Link Host	225	0
022	RS-232-C Host	225	0
122	4-Port Serial Interface	700	0
40250A	4-Port Terminal Serial Interface for 2333A	820	0
40251A	Second Host System Adapter for 2333A	550	0
021	Data Link Host	0	0
022	RS-232-C Host	0	0
40253A	8-Port Current Loop Interface for 2333A used with 3081A (Industrial Workstation Terminal)	1,575	0
2334A	X.25 Cluster Controller	2,350	16
015	230V/50 Hz operation	0	0
122	4-Port Serial Interface	600	0
40260A	4-Port Serial Interface Card for 2334A	700	0
2314A	Power Unit for 2333A used w/3081A & 40253A	1,575	20
015	220V/50 Hz operation	0	0
016	115V/50 Hz operation	0	0

#### MODEMS AND LINE DRIVERS -----

13265A	300 BPS Modem Pod for 262x terminals	500	0
30037A	Asynchronous Repeater (AR)	1,190	7
015	230V operation	0	0
35016A	Remote Support Modem	1,100	17
39301A	Fiber Option Multiplexer**	2,500	18
001	Recessed Rack Mount Hardware	30	0
210	100V/50 Hz Single Phase Operation	0	0
212	120V/60 Hz Single Phase Operation	0	0
222	220V/50 Hz Single Phase Operation	0	0
224	240V/50 Hz Single Phase Operation	0	0
301	Documentation for ATC Connection	0	0
302	Documentation for ADCC Connection	0	0
303	Documentation for ATP Connection	0	0

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

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Product Number	Description	U.S. List Price	SMMC
<b>TERMINAL CABLES POINT-TO-POINT CONNECTIONS (262x &amp; 23xx) ----</b>			
13222M	European Modem Cable, 5 m (16 ft.)	\$ 80	0
92217B	European Modem Cable, 15 m (50 ft.)	110	0
13222N	U.S. Hardwired/Modem Cable, 5 m (16 ft.)	80	0
92217A	U.S. Hardwired/Modem Cable, 15 m (50 ft.)	110	0
13222P	HP Direct Connect Type 422 Cable, 5 m (16 ft.) (except 21B and 2382)	80	0
13222X	HP Direct Connect Type 232 Adapter Cable, 5 m (16 ft.)	80	0
13222Y	RS-232-C EMP Protect Cable, 5 m (16 ft.)	54	0
92217D	RS-232-C EMP Protect Cable, 15 m (50 ft.)	110	0
13242M	European Modem Cable for Port 2 of 2626A, 2624B, 2382A; 5 m (16 ft.)	100	0
92218B	European Modem Cable for Port 2 of 2626A, 2624B, 2382A; 15 m (50 ft.)	122	0
13242N	U.S. Modem Cable for Port 2 of 2626A, 2624B, 2382A and for 2621B (U.S. and ICON only); 5 m (16 ft.)	100	0
92218A	U.S. Modem Cable for Port 2 of 2626A, 2624B, 2382A and for 2621B (U.S. and ICON only), 15 m (50 ft.)	110	0
13242X	HP Direct Connect Type 232 Cable and for 2621B (U.S. and ICON only); 5 m (16 ft.)	80	0
13242Y	EMP Protect Cable for Port 2 of 2626A, 2382A and for 2621B (U.S. and ICON only); 5 m (16 ft.)	75	0
92218C	EMP Protect Cable for Port 2 of 2626A, 2382A and for 2621B (U.S. and ICON only); 15 m (50 ft.)	140	0
40242C	RFI Filter Extender Cable for 2621B	70	*
40242M	RFI Filter Modem Cable for 2621B/2392A	70	*
40242Z	RFI Filter Modem Bypass Cable for 2621B	70	*
* Contact your HP representative for price information.			

Product Number	Description	U.S. List Price	SMMC
<b>TERMINAL CABLES POINT-TO-POINT CONNECTIONS (264x) -----</b>			
13232A	Terminal Cable (except 2747F), 4.5 m (15 ft.)	\$ 54	0
92219A	Terminal Cable (except 2747F), 15 m (50 ft.)	110	0
13232I	HP Direct Connect Type 422 Cable, 5 m (16 ft.)	80	0
13232M	European Modem Cable, 4.5 m (15 ft.)	90	0
13232N	U.S. Modem Hardwired Cable, 4.5 m (15 ft.)	90	0
92219B	U.S. Modem Hardwired Cable, 15 m (50 ft.)	125	0
13232U	Modem Bypass Cable, 1.5 m (5 ft.)	54	0
13232X	HP Direct Connect Type 232 Cable, 5 m (16 ft.)	80	0
13232Y	EMP Protect Cable (male) (except 2647F), 4.5 m (15 ft.)	75	0
92219E	EMP Protect Cable (male) (except 2647F), 15 m (50 ft.)	120	0
13232Z	EMP Protect Cable (female) (except 2647F)	75	0
<b>TERMINAL EXTENDER CABLES POINT-TO-POINT CONNECTIONS -----</b>			
30062B	Data Set Cable, 7.6 m (25 ft.)	70	0
001	Replace 7.6 m (25 ft.) with 15.2 m (50 ft.) cable	35	0
30062C	Hardwired or Modem Extender Cable, 7.6 m (25 ft.)	115	0
001	Replace 7.6 m (25 ft.) with 15.2 m (50 ft.)	45	0
002	Replace 7.6 m (25 ft.) with 30.5 m (100 ft.)	105	0
30062D	Hardwire Extender Cable, 7.6 m (25 ft.)	70	0
92215A	Hardwire Extender Cable, 15 m (50 ft.)	94	0
30062E	Cable Adapter	50	0
30153A	HP-Direct Connect 232 Ext. Cable, 15 m (50 ft.)	205	0
30154A	HP-Direct Connect 422 Ext. Cable, 30 m (99 ft.)	205	0
<b>ADVANCED TERMINAL PROCESSOR ADAPTER CABLES -----</b>			
30152A	Adapter Cable, 3 pin to 25 pin, 5 m (16 ft.)	180	0
<b>ADVANCED TERMINAL PROCESSOR CUSTOM CABLES -----</b>			
92179C	Shielded, 3-wire cable (max. 400 m)	1.20/meter	0

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For a firm quotation, contact your Hewlett-Packard Sales Representative.

Product Number	Description	U.S. List Price	SMMC
92179D	Shielded, 5-wire cable (max. 400 m)	\$ 1.50/meter	0
92224A	RS-232C connector kit, 4 ea. male	\$ 52	0
92224B	RS-232C connector kit, 4 ea. female	52	0
92225A	RS-422 connector kit, 4 ea. male	56	0
92225B	RS-422 connector kit, 4 ea. female	56	0
92229A	Crimp Tool for ATP connector kits	410	0
<b>MULTIPOINT TERMINAL CABLES</b> -----			
92902A	Data Link Cable (Shielded twisted pair cable)	0	0
001	100 m cable (330 ft.)	335	0
002	300 m cable (990 ft.)	945	0
92905A	Device to Data Link Cable, 2 m (6.5 ft.)	121	0
92906A	Multipoint cable with no connectors		
001	100 m cable (330 ft.)	410	0
002	300 m cable (990 ft.)	1,165	0
92908A	Data link tester	210	0
92909A	Data link test cable, 4 m (12 ft.)	135	0
13232P	Modem Multipoint Cable, 4.5 m (15 ft.)	120	0
13232Q	Multipoint Cable, 9 m (30 ft.)	125	0
13232R	Multipoint Extension Cable, 30 m (100 ft.)	125	0
13232T	Power Protect Multipoint Cable, 9 m (30 ft.)	200	0
92220A	Multipoint Extension Cable, 77 m (250 ft.)	290	0
92220B	Multipoint Extension Cable, 154 m (500 ft.)	515	0
92220C	Multipoint Extension Cable, 308 m (1000 ft.)	910	0
<b>FIBER OPTIC MULTIPLEXER CABLES</b> -----			
39200B	Fiber Optic Cable	4.50/meter	0
001	Factory installed connector set	180	0
8120-3569	Dual Channel Adapter Cable	102	0
<b>HP-IB CABLES</b> -----			
10833A	HP-IB cable 1 m (3.3 ft)	81	0
10833B	HP-IB cable 2 m (6.5 ft)	91	0

Product Number	Description	U.S. List Price	SMMC
10833C	HP-IB cable 4 m (13.2 ft)	\$ 101	0
<b>INP CABLES</b> -----			
30221A	Synchronous Modem Cable for Series 3x,4x, or 6x; 10 m (33 ft.)	375	0
30221B	Asynchronous Multipoint Cable for Series 3x,4x, or 6x; 10 m (33 ft.)	375	0
30221D	High Speed Synchronous Modem Cable for Series 3x,4x, or 6x; 10 m (33 ft.)	270	0
30221F	HP 3000 to HP 1000 Direct Connect Cable for Series 3x,4x, or 6x; requires 91712A cable.	375	0
30221G	Auto Call Cable for Series 3x,4x, or 64x; 10 m (33 ft.)	455	0
30221H	INP X.21 Cable, 10 m (33 ft.)	375	0
30222A	Synchronous Modem Cable for Series III, 10 m (33 ft.)	270	0
30222B	Asynchronous Multipoint Cable for Series III, 10 m (33 ft.)	270	0
30222D	High Speed Synchronous Modem Cable for S/III, 10 m (33 ft.)	270	0
30222F	HP 3000 to HP 1000 Direct Connect Cable for Series III, 10 m (33 ft.)	375	0
30222H	X.21 Cable for Series III, 10 m (33 ft.)	375	0
30224A	INP-to-INP Direct-Connect Cable for S/III, 10 m (33 ft.); requires 30224L cable	270	0
30224B	INP-to-INP Direct-Connect Cable for Series 3X, 4X, and 6x; requires 30224L cable.	270	0
30224L	External Interconnect Cable, 10 m (33 ft.)	165	0
001	25 m cable (82.5 ft.)	55	0
002	50 m cable (165 ft.)	130	0
003	100 m cable (330 ft.)	270	0
004	250 m cable (825 ft.)	715	0
005	500 m cable (1650 ft.)	1,430	0
006	1,000 m cable (3300 ft.)	2,915	0
30225A	INP-to-SSLC Direct-Connect Cable for Series III, 5 m (16.4 ft.)	270	0
30225B	INP-to-SSLC Direct-Connect Cable for Series 3x, 4x, and 6x; 5 m (16.4 ft.)	335	0

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

Product Number	Description	U.S. List Price
32247M	"Right-to-Copy" 32247A without sublicense	\$ 3,000
32249A	RAPID/3000 Processor, Execute only for Transact/3000 and Report/3000 programs	500
32350A	HPToolset Program Development System. Needs COBOL II (32233A) or Pascal (32106A)	5,000
32350R	"Right-to-Copy" 32350A with sublicense. Needs COBOL II (32233R) or Pascal (32106R)	2,500
32350M	"Right-to-Copy" 32350A without sublicense. Needs COBOL II (32233M) or Pascal (32106M)	2,500
<b>OFFICE SYSTEMS SOFTWARE -----</b>		
32108A	HPDraw Text & Figure Presentation Graphics Software	4,000
32108R	"Right-to-Copy" 32108A with sublicense	2,800
32180M	"Right-to-Copy" 32108A without sublicense	2,800
32109A	HPEasyChart Chartmaker Graphics Software	3,000
32109R	"Right-to-Copy" 32109A with sublicense	2,100
32109M	"Right-to-Copy" 32109A without sublicense	2,100
32110A	HP 3000 Business Graphics Package	10,750
32110R	"Right-to-Copy" 32110A with sublicense	7,500
32110M	"Right-to-Copy" 32110A without sublicense	7,500
32112A	HPMENU Interactive Office Menu Facility	1,000
32112R	"Right-to-Copy" 32112A with sublicense	700
32112M	"Right-to-Copy" 32112A without sublicense	700
32114A	The Interactive Office Pack (HPDeskManager, HPListKeeper, HPEasyChart, HPMenu, HPWord, HP 2628A, HP 7475A, HP OFFICE ASSIST)	35,000
32114R	"Right-to-Copy" 32114A with sublicense	28,700
32119A	HPWORD Intrinsics	200
32119R	"Right-to-Copy" 32119A with sublicense	140
32119M	"Right-to-Copy" 32119A without sublicense	140
32120A	HPWORD Word Processing	5,000
32120R	"Right-to-Copy" 32120A with sublicense	3,500
32120M	"Right-to-Copy" 32120A without sublicense	3,500
32120DA	HPWORD Word Processing GERMAN	5,000
32120DR	"Right-to-Copy" 32120DA with sublicense	3,500
32120DM	"Right-to-Copy" 32120DA without sublicense	3,500
32132A	HPListKeeper Personal Info. Mgmt. Software	2,000
32132R	"Right-to-Copy" 32132A with sublicense	1,400
32132M	"Right-to-Copy" 32132A without sublicense	1,400

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Product Number	Description	U.S. List Price
32250A	HP DSG/3000 Decision Support Graphics	\$ 6,300
32250R	"Right-to-Copy" 32250A with sublicense	4,400
32250M	"Right-to-Copy" 32250A without sublicense	4,400
36561A	HPSPELL American Dictionary	3,500
36561R	"Right-to-Copy" 36561A with sublicense	2,450
36561M	"Right-to-Copy" 36561A without sublicense	2,450
36561UA	HPSPELL British Dictionary	3,500
36561UR	"Right-to-Copy" 36561UA with sublicense	2,450
36561UM	"Right-to-Copy" 36561UA without sublicense	2,450
36562A	HPSPELL American and English Dictionary	4,375
36562R	"Right-to-Copy" 36562A with sublicense	3,065
36562M	"Right-to-Copy" 36562A without sublicense	3,065
36563A	HPSPELL Add-on American Dictionary	1,000
36563R	"Right-to-Copy" 36563A with sublicense	700
36563M	"Right-to-Copy" 36563A without sublicense	700
36563UA	HPSPELL Add-on British Dictionary	1,000
36563UR	"Right-to-Copy" 36563UA with sublicense	700
36563UM	"Right-to-Copy" 36563UA without sublicense	700
36570A	HPDESKMANAGER Electronic Mail System	10,000
36570R	"Right-to-Copy" 36570A with sublicense	7,000
36570M	"Right-to-Copy" 36570A without sublicense	7,000
36570DA	HPDESKMANAGER Electronic Mail System GERMAN	10,000
36570DR	"Right-to-Copy" 36570DA with sublicense	7,000
36570DM	"Right-to-Copy" 36570DA without sublicense	7,000
36573	Series 100/DESKLINK	
630	3.5" Micro-disc	300
650	5.25" Mini-disc	300
680	8" Flexible-disc	325
36576A	HPSLATE Screen Based Word Processing	3,000
36576R	"Right-to-Copy" 36576A with sublicense	2,100
36576M	"Right-to-Copy" 36576A without sublicense	2,100
36576DA	HPSLATE Screen Based Word Processing GERMAN	3,000
36576DR	"Right-to-Copy" 36576DA with sublicense	2,100
36576DM	"Right-to-Copy" 36576DA without sublicense	2,100
36578A	TDP/3000 Text & Document Processor	6,300
36578R	"Right-to-Copy" 36578A with sublicense	4,400
36578M	"Right-to-Copy" 36578A without sublicense	4,400
36580A	IFS/3000 Interactive Formatting System	2,500
36580R	"Right-to-Copy" 36580A with sublicense	1,750
36580M	"Right-to-Copy" 36580A without sublicense	1,750

Product Number	Description	U.S. List Price
36581A	IDS/3000 Interactive Design System	\$ 4,000
36581R	"Right-to-Copy" 36581A with sublicense	2,800
36581M	"Right-to-Copy" 36581A without sublicense	2,800
36583A	Laser Printer Graphics Package	6,000
36583R	"Right-to-Copy" 36583A with sublicense	4,200
36583M	"Right-to-Copy" 36583A without sublicense	4,200
36584A	HP Laser Printer Support Package	10,000
36584R	"Right-to-Copy" 36584A with sublicense	7,000
36584M	"Right-to-Copy" 36584A without sublicense	7,000
<b>MANUFACTURING SYSTEMS APPLICATIONS SOFTWARE -----</b>		
32904A	Materials Management/3000 Model 10	12,000
32904R	"Right-to-Copy" 32904A with sublicense	8,400
32904M	"Right-to-Copy" 32904A without sublicense	8,400
32903A	Materials Management/3000 Model 20	21,000
32903R	"Right-to-Copy" 32903A with sublicense	14,700
32903M	"Right-to-Copy" 32903A without sublicense	14,700
32916A	Materials Management/3000 Model 30	36,000
32916R	"Right-to-Copy" 32916A with sublicense	25,200
32916M	"Right-to-Copy" 32916A without sublicense	25,200
32260A**	Materials Management/3000 Model 25	31,500
32260R	"Right-to-Copy" 32260A with sublicense	22,050
32260M	"Right-to-Copy" 32260A without sublicense	22,050
** English language versions not available.		
32910A	Materials Mgmt./3000 Model 10/20 Upgrade	13,000
32910R	"Right-to-Copy" 32910A with sublicense	9,100
32910M	"Right-to-Copy" 32910A without sublicense	9,100
32905A	Material Requirements Planning/3000	9,000
32905R	"Right-to-Copy" 32905A with sublicense	6,300
32905M	"Right-to-Copy" 32905A without sublicense	6,300
32906A	Master Production Scheduling/3000	7,000
32906R	"Right-to-Copy" 32906A with sublicense	4,900
32906M	"Right-to-Copy" 32906A without sublicense	4,900
32907A	Standard Product Costing/3000	4,000
32907R	"Right-to-Copy" 32907A with sublicense	2,800
32907M	"Right-to-Copy" 32907A without sublicense	2,800
32908A*	Factory Order Entry/3000	5,000
32908R*	"Right-to-Copy" 32908A with sublicense	3,500
32908M*	"Right-to-Copy" 32908A without sublicense	3,500

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Product Number	Description	U.S. List Price
32917A*	Factory Order Entry/3000 for existing cust.	\$ 4,500
32917R*	"Right-to-Copy" 32917A with sublicense	3,150
32917M*	"Right-to-Copy" 32917A without sublicense	3,150
32909A*	Lot Control and Traceability/3000	20,000
32909R*	"Right-to-Copy" 32909A with sublicense	14,000
32909M*	"Right-to-Copy" 32909A without sublicense	14,000
32275A	HP Maintenance Management Workorder Control Control and Parts Catalog	47,500
32275M	"Right-to-Copy" 32275A	33,250
32276A	HP Maintenance Management	60,000
32276M	"Right-to-Copy"	42,000
* Only English language versions available.		
32912A	Production Management/3000 Model 10	14,500
32912R	"Right-to-Copy" 32912A with sublicense	10,150
32912M	"Right-to-Copy" 32912A without sublicense	10,150
32911A	Production Management/3000 Model 20	25,000
32911R	"Right-to-Copy" 32911A with sublicense	17,500
32911M	"Right-to-Copy" 32911A without sublicense	17,500
32270A	Production Management/3000 Model 30	31,500
32270R	"Right-to-Copy" 32270A with sublicense	22,050
32270M	"Right-to-Copy" 32270A without sublicense	22,050
32914A	Production Mgmt./3000 Model 10/20 Upgrade	15,000
32914R	"Right-to-Copy" 32914A with sublicense	10,500
32914M	"Right-to-Copy" 32914A without sublicense	10,500
32913A	Capacity Requirements Planning/3000	15,000
32913R	"Right-to-Copy" 32913A with sublicense	10,500
32913M	"Right-to-Copy" 32913A without sublicense	10,500

NOTE: Materials Management/3000 is available in German, Spanish, French, Dutch, Katakana, Norwegian, Swedish, Finnish, Italian as well as American, British, and Australian language versions except where noted otherwise.

Production Management/3000 is available in German, French, Katakana, Finnish, Italian as well as American, British, and Australian language versions.

FINANCIAL SYSTEMS APPLICATIONS SOFTWARE-----

32285A	General Ledger/3000	7,000
32285R	"Right-to-Copy" 32285A with sublicense	4,900
32285M	"Right-to-Copy" 32285A without sublicense	4,900

Product Number	Description	U.S. List Price
32286A	Accounts Payable/3000	\$ 7,000
32286R	"Right-to-Copy" 32286A with sublicense	4,900
32286M	"Right-to-Copy" 32286A without sublicense	4,900
32287A	Accounts Receivable/3000	7,000
32287R	"Right-to-Copy" 32287A with sublicense	4,900
32287M	"Right-to-Copy" 32287A without sublicense	4,900
32292A	General Ledger/3000 Source Code*	3,000
32293A	Accounts Payable/3000 Source Code*	3,000
32294A	Accounts Receivable/3000 Source Code*	3,000
* Requires concurrent purchase of object code		
32296A	HPPAY. Includes one year of tax updates	16,000
32296R	"Right-to-Copy" 32296A with sublicense. Includes one year of tax updates.	11,200
32296M	"Right-to-Copy" 32296A without sublicense. Includes one year of tax updates.	11,200
32305A	HP General Ledger	6,000
32305R	"Right-to-Copy" 32305A with sublicense	4,200
32305M	"Right-to-Copy" 32305A without sublicense	4,200
32305DA	German HP General Ledger	6,000
32305DR	"Right-to-Copy" 32305DA with sublicense	4,200
32305DM	"Right-to-Copy" 32305DA without sublicense	4,200
32305LA	Australian HP General Ledger	6,000
32305LR	"Right-to-Copy" 32305LA with sublicense	4,200
32305LM	"Right-to-Copy" 32305LA without sublicense	4,200
32305UA	United Kingdom HP General Ledger	6,000
32305UR	"Right-to-Copy" 32305UA with sublicense	4,200
32305UM	"Right-to-Copy" 32305UA without sublicense	4,200
32306A	HP Dual Ledger	6,000
32306R	"Right-to-Copy" 32306A with sublicense	4,200
32306M	"Right-to-Copy" 32306A without sublicense	4,200
32306DA	German HP Dual Ledger	6,000
32306DR	"Right-to-Copy" 32306DA with sublicense	4,200
32306DM	"Right-to-Copy" 32306DA without sublicense	4,200
32306LA	Australian HP Dual Ledger	6,000
32306LR	"Right-to-Copy" 32306LA with sublicense	4,200
32306LM	"Right-to-Copy" 32306LA without sublicense	4,200
32306UA	United Kingdom HP Dual Ledger	6,000
32306UR	"Right-to-Copy" 32306UA with sublicense	4,200
32306UM	"Right-to-Copy" 32306UA without sublicense	4,200

Product Number	Description	U.S. List Price
32307A	HP Allocator	\$ 4,000
32307R	"Right-to-Copy" 32307A with sublicense	2,800
32307M	"Right-to-Copy" 32307A without sublicense	2,800
32307DA	German HP Allocator	4,000
32307DR	"Right-to-Copy" 32307DA with sublicense	2,800
32307DM	"Right-to-Copy" 32307DA without sublicense	2,800
32307LA	Australian HP Allocator	4,000
32307LR	"Right-to-Copy" 32307LA with sublicense	2,800
32307LM	"Right-to-Copy" 32307LA without sublicense	2,800
32307UA	United Kingdom HP Allocator	4,000
32307UR	"Right-to-Copy" 32307UA with sublicense	2,800
32307UM	"Right-to-Copy" 32307UA without sublicense	2,800
32308A	HP Accounts Payable	6,000
32308R	"Right-to-Copy" 32308A with sublicense	4,200
32308M	"Right-to-Copy" 32308A without sublicense	4,200
32308DA	German HP Accounts Payable	6,000
32308DR	"Right-to-Copy" 32308DA with sublicense	4,200
32308DM	"Right-to-Copy" 32308DA without sublicense	4,200
32308LA	Australian HP Accounts Payable	6,000
32308LR	"Right-to-Copy" 32308LA with sublicense	4,200
32308LM	"Right-to-Copy" 32308LA without sublicense	4,200
32308UA	United Kingdom HP Accounts Payable	6,000
32308UR	"Right-to-Copy" 32308UA with sublicense	4,200
32308UM	"Right-to-Copy" 32308UA without sublicense	4,200
32309A	HP Accounts Receivable	6,000
32309R	"Right-to-Copy" 32309A with sublicense	4,200
32309M	"Right-to-Copy" 32309A without sublicense	4,200
32309DA	German HP Accounts Receivable	6,000
32309DR	"Right-to-Copy" 32309DA with sublicense	4,200
32309DM	"Right-to-Copy" 32309DA without sublicense	4,200
32309LA	Australian HP Accounts Receivable	6,000
32309LR	"Right-to-Copy" 32309LA with sublicense	4,200
32309LM	"Right-to-Copy" 32309LA without sublicense	4,200
32309UA	United Kingdom HP Accounts Receivable	6,000
32309UR	"Right-to-Copy" 32309UA with sublicense	4,200
32309UM	"Right-to-Copy" 32309UA without sublicense	4,200
32310A	HP Report Facility	5,000
32310R	"Right-to-Copy" 32310A with sublicense	3,500
32310M	"Right-to-Copy" 32310A without sublicense	3,500
32310DA	German HP Report Facility	5,000
32310DR	"Right-to-Copy" 32310DA with sublicense	3,500
32310DM	"Right-to-Copy" 32310DA without sublicense	3,500

Product Number	Description	U.S. List Price
32310LA	Australian HP Report Facility	5,000
32310LR	"Right-to-Copy" 32310LA with sublicense	3,500
32310LM	"Right-to-Copy" 32310LA without sublicense	3,500
32310UA	United Kingdom HP Report Facility	5,000
32310UR	"Right-to-Copy" 32310UA with sublicense	3,500
32310UM	"Right-to-Copy" 32310UA without sublicense	3,500
32311A	HP Interface Facility	5,000
32311R	"Right-to-Copy" 32311A with sublicense	3,500
32311M	"Right-to-Copy" 32311A without sublicense	3,500
32311DA	German HP Interface Facility	5,000
32311DR	"Right-to-Copy" 32311DA with sublicense	3,500
32311DM	"Right-to-Copy" 32311DA without sublicense	3,500
32311LA	Australian HP Interface Facility	5,000
32311LR	"Right-to-Copy" 32311LA with sublicense	3,500
32311LM	"Right-to-Copy" 32311LA without sublicense	3,500
32311UA	United Kingdom HP Interface Facility	5,000
32311UR	"Right-to-Copy" 32311UA with sublicense	3,500
32311UM	"Right-to-Copy" 32311UA without sublicense	3,500
32312A	HP General Accounting	10,000
32312R	"Right-to-Copy" 32312A with sublicense	7,000
32312M	"Right-to-Copy" 32312A without sublicense	7,000
32312DA	German HP General Accounting	10,000
32312DR	"Right-to-Copy" 32312DA with sublicense	7,000
32312DM	"Right-to-Copy" 32312DA without sublicense	7,000
32312LA	Australian HP General Accounting	10,000
32312LR	"Right-to-Copy" 32312LA with sublicense	7,000
32312LM	"Right-to-Copy" 32312LA without sublicense	7,000
32312UA	United Kingdom HP General Accounting	10,000
32312UR	"Right-to-Copy" 32312UA with sublicense	7,000
32312UM	"Right-to-Copy" 32312UA without sublicense	7,000
32338A	Upgrade of HP General Accounting to Customizable Versions of HP General Ledger, HP Accounts Payable, HP Accounts Receivable.	12,000

#### SEMICONDUCTOR INFORMATION SYSTEMS-----

33900A	IC-10 (Integrated Circuit Manufacturing Information System)	95,000
33900M	"Right-to-Copy" 33900A without sublicense	66,500
33901A	IC-10 (Accounting Interface)	20,000
33901M	"Right-to-Copy" 33901A without sublicense	14,000

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For a firm quotation, contact your Hewlett-Packard Sales Representative.

Product Number	Description	U.S. List Price
33911A	CA-10 (I.C. Cost Accounting Information System, Module I)	\$ 73,000
33911M	"Right-to-Copy" 33911A without sublicense	51,100
33912A	CA-10 (I.C. Cost Accounting Information System, Module II)	50,000
33912M	"Right-to-Copy" 33912A without sublicense	35,000
33902A	TD-10 (Transaction and Display Processor)	6,500
33902M	"Right-to-Copy" 33902A without sublicense	4,550
33903A	EN-10 (Engineering Data Collection System)	32,000
33903M	"Right-to-Copy" 33903A without sublicense	22,400
33904A	EA-10 (Engineering Analysis System)	28,000
33904M	"Right-to-Copy" 33904A without sublicense	19,600
33905A	SO-10 (Sales Order System)	35,000
33905M	"Right-to-Copy" 33905A without sublicense	24,500
<b>DISTRIBUTION SOFTWARE</b> -----		
36401A	SFD/3000 System For Distributors. Must be ordered with one of the following options:	
039	For use on Series 39/40/42, IIIR, 30R, or 33R processors	25,000
044	For use on Series 44/48 processors	37,200
064	For use on Series 64/68 processors	62,000
36401M	"Right-to-Copy" 36401A without sublicense. Must be ordered with one of the following options:	
039	For use on Series 39/40/42, IIIR, 30R, or 33R processors	17,500
044	For use on Series 44/48 processors	26,040
064	For use on Series 64/68 processors	43,400
36412A	SFD/3000 upgrade from option 039 to 044	12,200
36413A	SFD/3000 upgrade from option 044 to 064	24,800
36415A	OM/3000 Order Management.	24,200
36415M	"Right-to-Copy" 36415A without sublicense	16,940
<b>ADDITIONAL APPLICATIONS SOFTWARE</b> -----		
32180A	APS/3000 Application Program Sampler	2,500
32180R	"Right-to-Copy" 32180A with sublicense	1,250
32180M	"Right-to-Copy" 32180A without sublicense	1,250
32199A	Flexible Disccopy/3000	685
32199R	"Right-to-Copy" 32199A	342

Product Number	Description	U.S. List Price
32205B	Scientific Library	\$ 410
32205R	"Right-to-Copy" 32205B with sublicense	200
32205M	"Right-to-Copy" 32205B without sublicense	200
32206R	"Right-to-Copy" DEL/3000	250
32238A	OPT/3000 On-line Performance Tool	6,400
32238M	"Right-to-Copy" 32238A without sublicense	3,200
32900B	SIS/3000 Student Information System	3,780
32900R	"Right-to-Copy" 32900B	2,650
32902A	CIS/3000 College Information System	6,300
32902R	"Right-to-Copy" 32902A	4,400
<b>HP 3000 TERMINAL KEYBOARD TEMPLATES</b> -----		
7120-1189	HP V/3000 ENTRY Template	4.10
7120-1190	HP V/3000 FORMSPEC/REFSPEC Template	4.90
7120-8716	IMF/3000 IDF Template	4.20
36581-60001	IDS/3000 Templates for 2647A	10.00
36581-60002	IDS/3000 Templates for 2648A	10.00
<b>HP 3000 OVERVIEW MANUALS</b> -----		
30381A	HP 3000 User Manual Set	210.00
003	Series III Manuals	0
033	Series 3x Manuals	0
040	Series 39,40,42 Manuals	0
044	Series 44,48 Manuals	0
064	Series 64,68 Manuals	0
699	Deletes binders	-25.00
30093A	Programmer Manual Set	114.75
5953-0663	HP 3000 Specification Guide	2.37
5953-7553	HP 3000 General Information Manual	5.16
03000-90121	Using the HP 3000	14.00
30000-90171	Technical Writer's Survival Kit	3.00
<b>HP 3000 HARDWARE MANUALS</b> -----		
30000-60029	Site Preparation Manual Set (includes Site Planning and Preparation Guide (#30000-90206) and Site Planning Workbook (#30000-90207)	17.50

Product Number	Description	U.S. List Price
30000-90022	Machine Instruction Set	\$ 11.00
30070-90026	Machine Instruction Pocket Guide	4.00
30070-60068	Diagnostic Manual Set	70.00
<b>MPE MANUALS</b> -----		
30000-90009	MPE Commands	20.00
30000-90010	MPE Intrinsic	24.00
30000-90011	Segmenter	6.00
30000-90012	Debug/Stack Dump	7.00
30000-90014	System Manager/System Supervisor	20.00
30000-90015	Error Messages	25.00
30000-90044	System Utilities	6.00
30000-90045	Index to MPE	6.00
30000-90049	Software Pocket Guide	17.50
32002-90004	Console Operator's Guide	17.00
<b>UTILITIES MANUALS</b> -----		
03000-90064	FCOPY	6.00
30000-90028	Compiler Library	15.00
32104-90006	RPG Utilities	20.00
32214-90001	SORT	15.00
<b>INFORMATION MANAGEMENT MANUALS</b> -----		
30000-90042	QUERY/3000	15.00
30000-90079	KSAM/3000	18.00
32209-90001	HP VPLUS/3000 Reference Manual	20.00
32209-90003	HP VPLUS/3000 Operator's Guide	3.50
32209-90004	Using HP VPLUS/3000	22.00
32215-90003	IMAGE/3000	16.00
32244-90001	Dictionary/3000 Reference Manual	30.00

Product Number	Description	U.S. List Price
32245-90001	Report/3000 User's Guide	\$ 29.00
32246-90001	Inform/3000 User's Guide	22.00
32247-90001	Transact/3000 Reference Manual	21.00
32350-90001	HPToolset Reference Manual	40.00
<b>LANGUAGES MANUALS</b> -----		
03000-90025	BASIC/3000 for Beginners	7.00
03000-90050	BASIC/3000 Pocket Guide	2.00
30000-90024	SPL/3000	24.00
30000-90025	SPL Textbook	12.50
30000-90026	BASIC/3000 Interpreter	17.50
30000-90040	FORTRAN/3000	12.00
32103-90001	BASIC/3000 Compiler	5.00
32104-90001	RPG/3000	45.00
32104-90003	RPG/3000 Listing Analyzer	2.00
32105-90002	APL/3000	45.00
32105-90003	APL/3000 Pocket Guide	4.50
32106-90001	Pascal/3000	43.00
32106-90002	Pascal/3000 Pocket Guide	4.00
32213-90001	COBOL/3000	18.00
32213-90003	Using COBOL/3000	13.00
32233-90001	COBOL II/3000	22.00
<b>DATA COMMUNICATIONS MANUALS</b> -----		
5955-1715	Guidebook to Data Communications	3.00
30000-90105	Data Communications Handbook	32.50
30000-90047	RJE/3000 Reference Manual	17.50
32190-90001	DS/3000 Reference Manual	35.00
32190-90005	DS/3000 to DS/1000 Reference Manual	8.00

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Product Number	Description	U.S. List Price
32192-90001	MRJE/3000 Reference Manual	\$ 12.00
32193-90002	MTS/3000 Reference Manual	15.00
32229-90001	IMF/3000 Reference Manual	21.00
<b>OFFICE SYSTEMS MANUALS -----</b>		
32108-90001	HPDraw Reference Guide	22.00
32109-90001	HPEasyChart Reference Guide	28.00
32112-90001	HPMENU Admin. Manual	18.00
32112-90002	HPMENU Quick Reference Guide	1.00
32119-90001	HPWORD Intrinsic- Programmatic Access to HPWORD Documents	*
32120-90001	HPWORD Reference Guide	40.00
32120-90002	HPWORD Quick Reference Guide	10.00
32250-90001	HP DSG/3000	28.00
32250-90002	HP DSG/3000 Guide	6.00
36561-90001	HPSPELL Handbook	*
36570-90001	HPDESKMANAGER Ref. Manual (Pack. of 10)	6.00
36570-90002	HPDESKMANAGER Reference Manual	16.00
36570-90004	HPDESKMANAGER Admin. Manual	20.00
36576-90001	HPSLATE Reference Guide	18.00
36576-90002	Using HP SLATE	16.00
36578-90001	TDP/3000 Reference Manual	28.00
36578-90002	Using TDP/3000	22.00
36578-90003	TDP/3000 Quick Reference Guide	8.50
36580-90001	IFS/3000	78.00
36581-90001	IDS/3000 Character Design	45.00
36581-90002	IDS/3000 Forms Design	60.00

\* Contact your HP representative for price information.

Product Number	Description	U.S. List Price
<b>MANUFACTURING SYSTEMS APPLICATIONS MANUALS -----</b>		
32916Z	Materials Mgmt./3000 Model 30 Manual Set	\$ 365.00
32903Z	Materials Mgmt./3000 Model 20 Manual Set	220.00
32904Z	Materials Mgmt./3000 Model 10 Manual Set	180.00
32905Z	Materials Requirements Planning/3000 Manual Set	35.00
32906Z	Master Production Scheduling/3000 Manual Set	35.00
32907Z	Standard Product Costing/3000 Manual Set	35.00
32908Z	Factory Order Entry/3000 Manual Set	35.00
32909Z	Lot Control and Traceability/3000 Manual Set	120.00
32265Z	System Reference Manual for MM/3000	280.00
32270Z	Production Mgmt./3000 Model 30 Manual Set	250.00
32911Z	Production Mgmt./3000 Model 20 Manual Set	210.00
32912Z	Production Mgmt./3000 Model 10 Manual Set	165.00
32913Z	Capacity Req. Planning/3000 Manual Set	40.00
32915Z	System Reference Manual for PM/3000	280.00

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

<b>FINANCIAL SYSTEMS MANUALS -----</b>		
32304Z	HP Financial Accounting Manual Set	90.00
32304LZ	Australian HP Financial Acctg. Manual Set	90.00
32304UZ	United Kingdom HP Fin. Acctg. Manual Set	90.00
32285Y	General Ledger/3000 Source Reference Manual	500.00

Product Number	Description	U.S. List Price
32285Z	General Ledger/3000 Manual Set	\$ 35.00
32286Y	Accounts Payable/3000 Source Ref. Manual	500.00
32286Z	Accounts Payable/3000 Manual Set	35.00
32287Y	Accounts Receivable/3000 Source Ref. Manual	500.00
32287Z	Accounts Receivable/3000 Manual Set	35.00
32304-90001	HP Fin. Acctg. Sys. Oper. Manual Set	30.00
32304-90002	HP Fin. Acctg. Sys. Customiz. Manual Set	60.00
32305-90001	HP General Ledger User Manual Set	55.00
32305-90002	HP General Ledger System Ref. Manual Set	8.00
32306-90001	HP Dual Ledger User Manual Set	55.00
32306-90002	HP Dual Ledger Sys. Ref. Manual Set	8.00
32307-90001	HP Allocator User Manual Set	35.00
32307-90002	HP Allocator System Reference Manual Set	40.00
32308-90001	HP Accounts Payable User Manual Set	55.00
32308-90002	HP Accounts Payable Sys. Ref. Manual Set	8.00
32309-90001	HP Accounts Receivable User Manual Set	55.00
32309-90002	HP Accounts Rec. Sys. Ref. Manual Set	8.00
32310-90001	HP Report Facility User Manual Set	50.00
32311-90001	HP Interface Facility User Manual Set	35.00
32312Z	Manual Set HP General Accounting	195.00
<b>SEMICONDUCTOR INFORMATION SYSTEM MANUALS -----</b>		
33900Z	IC-10 (Integrated Circuit Manufacturing Information System) Manual Set	230.00
33911Z	CA-10 (Cost Acctg. Info. Sys.) Manual Set	\$ 272.00
33902Z	TD-10 (Transaction and Display Processor) Manual Set	90.00
33903Z	EN-10 (Engrg. Data Collection System) Manual Set	40.00
33904Z	EA-10 (Engrg. Analysis System) Manual Set	130.00

Product Number	Description	U.S. List Price
33905Z	S0-10 (Sales Order System) Manual Set	\$ 220.00
33902-90010	Getting Started Guide	10.00
33902-90020	Master Glossary of Terms	10.00
33900-90050	IC-10 General Information Manual	25.00
33900-90100	IC-10 Fab User Manual	50.00
33900-90101	IC-10 Sort User Manual	50.00
33900-90102	IC-10 Assembly User Manual	50.00
33900-90103	IC-10 Final Test User Manual	50.00
33900-90200	IC-10 Operations Manual	30.00
33912-90100	CA-10 User Manual (Volume I)	70.00
33912-90101	CA-10 User Manual (Volume II)	70.00
33912-90102	CA-10 User Manual (Volume III-RUNJOB)	70.00
33912-90103	CA-10 User Manual (Volume IV-REPORTS)	70.00
33912-90400	CA-10 Basic Training Manual (May not be ordered except in conjunction with 33941A-CA-10 User Training Course)	50.00
33912-90200	CA-10 Operations Manual	35.00
33902-90100	TD-10 User Manual	60.00
33902-90500	TD-10 Quick Reference Guide	20.00
33902-90800	TD-10 Installation Guide	10.00
33903-90100	EN-10 User Manual	40.00
33904-90100	EA-10 User Manual	35.00
33904-90200	EA-10 Operations Manual	40.00
33904-90600	EA-10 System Design Manual	25.00
33904-90900	EA at Guide	30.00
33905-90050	S0-10 General Information Manual	25.00
33905-90100	S0-10 User Manual	200.00
33905-90200	S0-10 Operations Manual	20.00

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Product Number	Description	U.S. List Price
<b>ADDITIONAL APPLICATIONS MANUALS -----</b>		
30000-90027	Scientific Library	10.00
32180-90001	APS/3000 Reference Manual	8.00
32180-90002	APS/3000 Pocket Card	3.50
32180-90003	APS/3000 Insert for MPE S/W Pocket Guide	3.00
32199-90001	Flexible Disccopy	8.00
32238-90001	OPT/3000 Reference Manual	17.50
32238-90002	OPT/3000 Pocket Guide	1.50
32900-90001	SIS/3000 Reference Manual	13.00
32900-90005	SIS/3000 Technical Manual	32.00
32901-90001	SAS/3000 Reference Manual	17.50
32901-90005	SAS/3000 Technical Manual	9.75
32902-90001	CIS/3000 Reference Manual	13.00
32902-90005	CIS/3000 Technical Manual	10.50
<b>CONVERSION MANUALS -----</b>		
32104-90004	System/3 to HP 3000 Conversion	10.75
32233-90005	COBOL/3000 to COBOL II/3000 Conversion	3.95
<b>TRAINING -----</b>		
22801C	HP 3000--A Programmer's Introduction (5 Days)	725
22801X	HP 3000--A Programmer's Introduction/On-site	7,250
22802C	HP 3000 System Mgmt. and Operation (5 Days)	800
22802X	HP 3000 System Management and Oper./On-site	7,700
22804A	HP 3000 SPL File System Introduction (5 Days)	925
22804X	HP 3000 SPL File System Introduction/On-site	7,400
22805A	HP 3000 MPE Special Capabilities (5 Days)	925
22805X	HP 3000 MPE Special Capabilities/On-site	7,400

Product Number	Description	U.S. List Price
22807B	HP 3000 System Operator (3 Days)	\$ 640
22807X	HP 3000 System Operator at Customer Site	6,400
22808A	HP 3000 Application Design (4 Days)	740
22808X	HP 3000 Application Design/On-site	6,700
22809B	HP OPT/3000 System Performance (10 Days)	1,680
22811A	HPWORD/3000 Customer Office Systems (4 Days)	720
22811X	HPWORD/3000 Customer Office Systems/On-site	5,800
22830C	HP VPLUS/3000 for Programmers (4 days)	580
22830D	HP VPLUS/3000 for Screen Designers (2 days)	290
22830X	HP VPLUS/3000/On-site (4 days)	5,800
22834A	DSG/3000 Programmatic Use (3 Days)	555
22834X	DSG/3000 Programmatic Use/On-site	5,800
22838X	HP IDS/3000 and IFS/3000/On-site (4 Days)	8,400
32261B	Using Materials Management/3000 (5 Days)	500
101	Master Production Scheduling Module	200
102	Material Requirements Planning Module	100
103	Lot Control and Traceability Module	225
104	Factory Order Entry Module	100
105	Standard Product Costing Module	100
32261X	Using Materials Management/3000/On-site	4,250
101	Master Prod. Scheduling Module/On-site	1,700
102	Materials Req. Planning Module/On-site	850
103	Lot Control and Trace. Module/On-site	1,900
104	Factory Order Entry Module/On-site	850
105	Standard Product Costing Module/On-site	850
32271B	Using Production Management/3000 (5 Days)	700
101	Capacity Requirements Planning Module	100
32271X	Using Production Management/3000/On-site	5,950
101	Capacity Req. Planning Module/On-site	850
32272B	HP Manufacturing Systems Customization and Operation (5 Days)	400
101	Data Customization Module	400
32272X	HP Manufacturing Systems Customization and Operation/On-site	3,400
101	Data Customization Module/On-site	3,400
32288A	General Ledger/3000 Training (2 Days)	320

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Product Number	Description	U.S. List Price
32288X	General Ledger/3000 Training/On-site	\$ 3,200
32289A	Accounts Payable/3000 Training (2 Days)	320
32289X	Accounts Payable/3000 Training/On-site	3,200
32290A	Accounts Receivable/3000 Training (2 Days)	160
32290X	Accounts Receivable/3000 Training/On-site	1,600
32299A	HPPAY Train-the-Trainer (3 Days)	525
32299X	HPPAY Train-the-Trainer/On-site	4,800
32303A	HP Interface Facility Training (2 Days)	420
32303X	HP Interface Facility Training/On-site	3,200
32304A	HP Financial Accounting Customization and Operation Training (3 Days)	480
32304X	HP Financial Accounting Customization and Operation Training/On-site	4,350
32313A	HP General Ledger Training (2 Days)	320
32313X	HP General Ledger Training/On-site	3,200
32314A	HP Accounts Payable Training (2 Days)	320
32314X	HP Accounts Payable Training/On-site	3,200
32315A	HP Accounts Receivable Training (1 Day)	220
32315X	HP Accounts Receivable Training/On-site	2,200
32316A	HP Report Facility Training (2 Days)	320
32316X	HP Report Facility Training/On-site	3,200
32317A	HP Allocator Training (2 Days)	320
32317X	HP Allocator Training/On-site	3,200
32318X	HP Dual Ledger Training/On-site (1 Day)	1,600
35013B	Dictionary/Inform/Report Training (3 Days)	480
35013X	Dictionary/Inform/Report Training/On-site	4,800
35014A	Transact/3000 Training (5 Days)	800
35014X	Transact/3000 Training/On-site	8,000
35022A	HP 3000/4X Training Program for Service Personnel (15 Days)	4,500

Product Number	Description	U.S. List Price
35027A	Implementation Team Training for MM/3000	\$ *
35040A 001	HP 3000 System Performance Evaluation Additional Complexity	3,100 335
35051A	Introduction to Data Comm. Course (5 Days)	925
35051X	Introduction to Data Comm. Course/On-site	7,000
35052A	Intro to HP3000 Course (2 Days)	290
35052B	Intro to HP3000 for Operators Course (1 day)	145
35052X 001	Intro to HP3000 Onsite Course (2 Days) One additional student	2,900 100
35053A	IMAGE/3000 Database Management Course (5 Days)	725
35053X	IMAGE/3000 Database Mgmt. Course/On-site	7,250
35108A	SFD/3000 and OM/3000 Mgmt. Seminar (2 Days)	400
35109A	SFD/3000 Introduction Class (5 Days)	1,000
35110A	SFD/3000 Advanced Class (5 Days)	1,000
35112A	OM/3000 Users Class (5 Days)	1,000
36564A	HPWORD Basics (3 Days)	410
36564X	HPWORD Basics/On-site	2,885
36579A	Text and Document Processor/3000 (2 Days)	320
36579X	Text and Document Processor/3000/On-site	3,200
36900E	Distributed Systems/3000 (3 Days)	5,400
NOTE: "X" denotes on-site class. Fee includes up to ten students. Additional students (up to maximum permissible) may be accommodated at \$100.00/student. Hewlett-Packard reserves the right to cancel class upon three weeks notice.		
* Contact Division for price information.		
<b>SELF-PACED TRAINING -----</b>		
22832A	Learning COBOL II	475
22833A 022	Using DSG/3000 Interactively 7908/11/12 Compatible Cartridge Tape	275 0
22835B 022	A Guided Tour to the HP 3000 7908/11/12 Compatible Cartridge Tape	375 0
22839A 022	Using HPWORD 7908/11/12 Compatible Cartridge Tape	250 0

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Product Number Description U.S. List Price

22840A	Using HPDraw	\$	300
22842A	Programming in Transact/3000	750	750
022	7908/11/12 Compatible Cartridge Tape	0	750
323507A	Using HPToolset	750	750
35023A	HP 262X Maintenance	250	250
----- CONSULTING -----			
32240X	IMEF/3000 Training/Consulting Package	3,800	3,800
33940A	Implementation Consultation for Semiconductor Information Systems	3,000	3,000
001	Overseas Implement. Consult. (Add'l Cost)	1,200	1,200
33941A	Implementation Support Quotation Semiconductor Information Systems	*	*
33945A	System Enhancements Quotation for Semiconductor Information Systems	*	*
35021A	SE Assistance for Business Computers/T&M	100	100
35026A	Requirements Definition Consulting for MM/3000	*	*
35028A	Project Planning Assistance for MM/3000	*	*
35029A	Project Implementation Assistance for MM/3000	*	*
35032A	SE Assistance for Business Computers/1 Day	750	750
35033A	SE Off-Hours Emergency Assistance	700	700
35034A	Sys. Specialist Assis. for Bus. Comp./1 Day	900	900
35035A	Sys. Specialist Assis. for Bus. Comp./T&M	115	115
35039A	HP 3000 Installation Mgmt. Consulting (1 Day)	900	900
001	One additional day	750	750
35044A	Off Hours S/W Update Installation (Customers Only)	200	200
35045A	Pre-Installation Production Assistance	750	750
001	Machine Time	1,000	1,000
35054A	Application Eng. Consulting for PL79 (Locally Acquired Software)/1 Day	750	750
35054C	Application Eng. Consulting for PL60 (Financial Management Software)/1 Day	750	750

Product Number Description U.S. List Price

35054D	Application Eng. Consulting for PL85 (Office Systems Software)/1 Day	\$	750
35054N	Application System Engineering Assis./1 Day	750	750
35055A	Application Eng. Consulting for PL79 (Locally Acquired Software)/T&M	100	100
001	Off-hours rate	27	27
35055B	Application Eng. Consulting for PL85 (Office Systems Software)/T&M	100	100
001	Off-hours rate	27	27
35055N	Application System Engineering Assis./T&M	100	100
001	Off-hours rate	27	27
35057A	Application Spec. Consulting for PL79 (Locally Acquired Software)/1 Day	900	900
35057C	Application Spec. Consulting for PL60 (Financial Management Software)/1 Day	900	900
35057D	Application Spec. Consulting for PL85 (Office Systems Software)/1 Day	900	900
35057N	Application Specialist Assistance/1 Day	900	900
35058A	Application Spec. Consulting for PL79 (Locally Acquired Software)/T&M	115	115
001	Off-hours rate	25	25
35058C	Application Spec. Consulting for PL60 (Financial Management Software)/T&M	115	115
001	Off-hours rate	25	25
35058D	Application Spec. Consulting for PL85 (Office Systems Software)/T&M	115	115
001	Off-hours rate	25	25
35058N	Application Specialist Assistance/T&M	115	115
001	Off-hours rate	25	25
35107A	SFD/3000 Implementation Assistance. Required for purchase of SFD/3000 System for Distributors (36401A).	34,800	34,800
3511A	OM/3000 Implementation Assistance. Req'd for purchase of OM/3000 Order Mgmt. (36415A) Management (36415A).	20,800	20,800

U.S. List Price

\* Contact MPD for price information.  
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Product U.S. List  
Number Description Price SMMC

Product U.S. List  
Number Description Price SMMC

**SERIES IIIR UPGRADE PRODUCTS** -----

32435BR	Series IIIR (See Re-Marketed Systems section for additional system options.)	\$ 20,400	538
600	Return credit for a Pre-S/II with 92 Kb	-2,250	0
601	Return credit for a Pre-S/II with 128 Kb	-2,500	0
602	Return credit for a S/II with 128 Kb	-3,000	0
603	Return credit for a S/II with 192 Kb	-3,500	0
604	Return credit for a S/II with 256 Kb	-4,000	0
605	Return credit for a S/II with 320 Kb	-4,500	0
606	Return credit for a S/II with 384 Kb	-5,000	0
607	Return credit for a S/II with 448 Kb	-5,500	0
608	Return credit for a S/II with 512 Kb	-6,000	0

**SERIES 39 UPGRADE PRODUCTS** -----

30539B	Series 39 Disc Cache Upgrade with 512 Kb Memory (set of 2 256 Kb boards)	14,000	18
170	Delete 256 Kb Memory	-4,500	-14
180	Delete 512 Kb Memory	-6,000	-28
408	Substitute MPE-V/E for MPE-V/P	0	0

**SERIES 40 UPGRADE PRODUCTS** -----

32445AH	Upgrade to the Series 40 (32445A) w/512 Kb M01: Remote Support Service Credit	29,400	224
015	220-240V/50 Hz operation	0	-65
022	Software on magnetic tape cartridge	0	0
507	Expands Memory to 1024 Kb	8,200	16
601	Upgrade from pre-Series II or HP 2000 w/128 Kb	-2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0
603	Upgrade from Series III w/256 Kb	-7,000	0
605	Upgrade from S/33A/B w/256 Kb, 2649E	-8,000	46
606	Upgrade from S/33C/U w/256 Kb, 2649E	-8,000	26
607	Upgrade from S/30A/B w/256 Kb, 2649E	-6,000	23
608	Upgrade from S/30C/U w/256 Kb, 2649E	-6,000	13

**SERIES 42 UPGRADE PRODUCTS** -----

30542B	Series 40 to Series 42 Field Upgrade	17,000	25
180	Delete 512 Kb Memory	-2,800	-15
190	Delete 1 Mb Memory	-8,000	-32
409	Substitute MPE-V/E for MPE-V/P	0	0
32542BH	Upgrade to the Series 42 (32542A) w/1 Mb M01: Remote Support Service Credit	38,600	233
015	220-240V/50 Hz operation	0	-75
022	Software on magnetic tape cartridge	0	0
409	Substitute MPE-V/E for MPE-V/P	0	0
601	Upgrade from pre-Series II or HP 2000 w/128 Kb	-2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0
603	Upgrade from Series III w/256 Kb	-7,000	0

605	Upgrade from S/33A/B w/256 Kb, 2649E	\$ -8,000	26
606	Upgrade from S/33C/U w/256 Kb, 2649E	-8,000	26
607	Upgrade from S/30A/B w/256 Kb, 2649E	-6,000	13
608	Upgrade from S/30C/U w/256 Kb, 2649E	-6,000	13

**SERIES 44 UPGRADE PRODUCTS** -----

32440BH	Upgrade to Series 44B (32440B) w/1 Mb M01: Remote Support Service Credit	60,700	253
015	220-240V operation	0	-65
601	Upgrade from pre-Series II or HP 2000 w/128 Kb	-7,500	0
602	Upgrade from Series II w/128 Kb	-8,000	0
603	Upgrade from Series III w/256 Kb	-12,000	0
605	Upgrade from S/33A/B w/256 Kb, 2649E	-13,000	46
606	Upgrade from S/33C/U w/256 Kb, 2649E	-13,000	26
607	Upgrade from S/30A/B w/256 Kb, 2649E	-11,000	23
608	Upgrade from S/30C/U w/256 Kb, 2649E	-11,000	13
611	Upgrade from Series 40 w/no memory	-13,825	26
613	Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter	-15,000	0

**SERIES 48 UPGRADE PRODUCTS** -----

30548B	Series 44 to Series 48 Field Upgrade	20,000	25
190	Delete 1 Mb Memory	-8,000	-32
410	Substitute MPE-V/E for MPE-V/P	0	0
32548BH	Upgrade to Series 48 (32548A) w/2 Mb M01: Remote Support Service Credit	75,700	252
015	220-240V operation	0	-75
022	Software of Cartridge Tape	0	0
410	Substitute MPE-V/E for MPE-V/P	0	0
601	Upgrade from pre-Series II or HP 2000 w/128 Kb	-7,500	0
602	Upgrade from Series II w/128 Kb	-8,000	0
603	Upgrade from Series III w/256 Kb	-12,000	0
605	Upgrade from S/33A/B w/256 Kb, 2649E	-13,000	26
606	Upgrade from S/33C/U w/256 Kb, 2649E	-13,000	26
607	Upgrade from S/30A/B w/256 Kb, 2649E	-11,000	13
608	Upgrade from S/30C/U w/256 Kb, 2649E	-11,000	13
611	Upgrade from Series 40 w/no memory	-13,825	26
613	Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter	-15,000	0
614	Upgrade from Series 39 w/no memory	-11,650	13
615	Upgrade from Series 42 w/no memory	-15,075	26

**SERIES 64 UPGRADE PRODUCTS** -----

32460BH	Upgrade to Series 64 (32460B) w/2 Mb M01: Remote Support Service Credit	162,300	664
015	380V/50 Hz three phase operation	0	-75
016	415V/50 Hz three phase operation	0	0

018  
\$2731  
(ADCC Man)  
019  
EXTRA  
\$14115

2.595

19.640

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Product Number	Description	U.S. List Price	SMMC
601	Upgrade from pre-Series II or HP 2000 w/128 Kb	\$ -2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0
603	Upgrade from Series III w/256 Kb	-27,000	0
605	Upgrade from S/33A/B w/256 Kb,2649E	-8,000	26
606	Upgrade from S/33C/U w/256 Kb,2649E	-8,000	26
607	Upgrade from S/30A/B w/256 Kb,2649E	-6,000	13
608	Upgrade from S/30C/U w/256 Kb,2649E	-6,000	13
609	Upgrade from Series 44 w/1 Mb	-43,000	26
611	Upgrade from Series 40 w/no memory	-13,825	26
613	Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter	-30,000	0
<b>SERIES 68 UPGRADE PRODUCTS</b> -----			
30468A	Series 64A to Series 68A Field Upgrade	25,000	75
190	Delete 1 Mb Memory	-8,000	-75
250	Add Expansion Bay & I/O Adapter (IMB)	25,000	53
251	Junction Panels (required if no ATP is ordered)	0	0
411	Substitute MPE-V/P for MPE-V/E	0	0
30468B	Series 64B to Series 68B Field Upgrade	25,000	75
190	Delete 1 Mb Memory	-8,000	-75
250	Add Expansion Bay & I/O Adapter (IMB)	25,000	53
251	Junction Panels (required if no ATP is ordered)	0	0
411	Substitute MPE-V/P for MPE-V/E	0	0
32468BH	Upgrade to Series 68 (32468B) w/3 Mb M01: Remote Support Service Credit	182,300	739
015	380V/50 Hz three phase operation	0	-75
016	415V/50 Hz three phase operation	0	0
250	Add Expansion Bay & I/O Adapter (IMB)	25,000	53
411	Substitute MPE-V/P for MPE-V/E	0	0
601	Upgrade from pre-Series II or HP 2000 w/128 Kb	-2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0
603	Upgrade from Series III w/256 Kb	-27,000	0
605	Upgrade from S/33A/B w/256 Kb,2649E	-8,000	26
606	Upgrade from S/33C/U w/256 Kb,2649E	-8,000	26
607	Upgrade from S/30A/B w/256 Kb,2649E	-6,000	13
608	Upgrade from S/30C/U w/256 Kb,2649E	-6,000	13
609	Upgrade from Series 44 w/1 Mb	-43,000	26
611	Upgrade from Series 40 w/no memory	-13,825	26
613	Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter	-30,000	0
614	Upgrade from Series 39 w/no memory	-11,650	13
615	Upgrade from Series 42 w/no memory	-15,075	26
616	Upgrade from Series 48 w/1 Mb	-45,500	26

Product Number	Description	U.S. List Price	SMMC
<b>HP 300 TO HP 3000 UPGRADES</b> -----			
30074B	HP 300 to Series 44 (w/1 Mb) Upgrade	\$ 68,600	266
015	220-240V/50 Hz Operation	0	0
610	Return credit for HP 300 Model 10, product number 31032A.	-20,810	13
615	Return credit for HP 300 product number 31033A	-15,400	13
620	Return credit for HP 300 Model 20, product number 31034A	-15,400	13
630	Return credit for HP 300 Model 30, product number 31035A	-15,400	13
650	Return credit for 31204A 128 Kb memory module	-1,200	N/A
670	Return credit for 31030A HP 300 Workstation	-4,900	N/A
30075A	HP 300 to Series 40 (w/1 Mb) Upgrade	47,400	253
015	220-240V/50 Hz Operation	0	0
610	Return credit for HP 300 Model 10, product number 31032A	-20,810	13
615	Return credit for HP 300 product number 31033A	-15,400	13
620	Return credit for HP 300 Model 20 product number 31034A	-15,400	13
630	Return credit for HP 300 Model 30, product number 31035A	-15,400	13
650	Return credit for 31204A 128 Kb Memory Module	-1,200	N/A
670	Return credit for 31030A HP 300 Workstation	-4,900	N/A
30076B	HP 300 to Series 42 (w/1 Mb) Upgrade	40,500	246
015	220-240V/50 Hz Operation	0	0
022	Software on Cartridge Tape	0	0
409	Substitute MPE-V/E for MPE-V/P	0	0
610	Return credit for HP 300 Model 10, product number 31032A	-13,910	0
615	Return credit for HP 300 product number 31033A	-8,500	0
620	Return credit for HP 300 Model 20 product number 31034A	-8,500	0
630	Return credit for HP 300 Model 30, product number 31035A	-8,500	0
650	Return credit for 31204A 128 Kb Memory Module	-1,200	21
670	Return credit for 31030A HP 300 Workstation	-4,900	0
30085B	HP 300 to Series 48 (w/2 Mb) Upgrade	77,600	265
015	220-240V/50 Hz Operation	0	0
022	Software on Cartridge Tape	0	0
410	Substitute MPE-V/E for MPE-V/P	0	0

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Product Number	Description	U.S. List Price	SMMC
610	Return credit for HP 300 Model 10, product number 31032A	\$ -20,810	0
615	Return credit for HP 300 product number 31033A	-15,400	0
620	Return credit for HP 300 Model 20 product number 31034A	-15,400	0
630	Return credit for HP 300 Model 30, product number 31035A	-15,400	0
650	Return credit for 31204A 128 Kb Memory Module	-1,200	21
31282AN	Return credit for 31282A Bisync Communication Processor	-1,125	N/A

#### MEMORY AND FIRMWARE UPGRADE PRODUCTS -----

30092AN	Return Credit for additional 512 Kb of Series 39, 4x memory (set of 2 256 Kb boards)	-2,500	N/A
30400A	Series 42/48 Firmware Upgrade for MPE-V/E	2,850	0
040	Firmware for High Performance Series 39/42	0	-7
044	Firmware for Series 48	0	-7
30161AN	Return Credit for additional 1 Mb of Series 39, 4x memory	-5,000	N/A
30171AN	Return Credit for additional 256 Kb of Series 39, 40 memory	-1,250	N/A

#### COMMUNICATIONS UPGRADE PRODUCTS -----

30018AN	Return Credit for ADCC-Main	-850	N/A
30019AN	Return Credit for ADCC-Extension	-850	N/A
30020AN	Return Credit for Series 3x, 4x INP	-1,800	N/A
30360AN	Return Credit for HSI for Series III	-500	N/A

#### PERIPHERAL UPGRADE PRODUCTS -----

7925MN	Return Credit for 7925M disc drive	-4,600	N/A
7925SN	Return Credit for 7925S or A disc drive	-3,600	N/A
7970EN	Return Credit for 7970E tape drive	-1,000	N/A
7976AN	Return Credit for 7976A tape drive (expires June 30, 1984)	-2,500	N/A

Product Number	Description	U.S. List Price	SMMC
12745A	Master Disc Drive Controller Upgrade to \$ Convert from Parallel Differential to HP-IB for 7906/20/25 (includes 2m HP-IB cable)	1,155	4
13037U	Upgrade Kit for 7906/20/25 Slave to Master Drive. Includes Disc Controller (with Parallel Interface for Series III), Power Cord, and Mounting Hardware	5,100	40
015	220V/50 Hz single phase operation	0	0
102	Replaces Parallel Differential with HP-IB Interface (includes 2m HP-IB cable)	1,200	4
26002A	2608A Line Printer Interface	295	0
046	HP-IB Interface	325	0
26095B	2631B Conversion Kit to RS-232-C	420	0
010	RS-232-C Serial Front Panel	125	0
26069A	2613/17/19A Line Printer Interface	2,475	22
340	Cable set for Series 39, 40, 42	700	0
344	Cable set for Series 44, 48	700	0
364	Cable set for Series 64, 68	700	0
	Note: Contact Boise for cables required in moving 2613/17/19 between HP-IB systems.		
26072A	Master Magnetic Tape Drive HP-IB Conversion Kit (10-boy cabinet)	3,665	54
001	Parallel to HP-IB Upgrade (upright cabinet). Reference 26078A.	0	N/A
002	Parallel to HP-IB Upgrade with Serial number less than 1822A-xxxxx	0	N/A
H01	Upgrade of HP-IB Drive with Serial Number less than 2034A-xxxxx (Series 30/33 to 39/4x/6x only)	-2,800	N/A
26073A	7970E Master to Slave Conversion Kit	865	N/A
26077A	7970E Slave to Master Conversion Kit	2,950	N/A
26078A	7971A Upright Cabinet Kit	3,565	N/A
001	Additional hardware to mount second drive	0	0

#### MEMORY EXPANSION PRODUCTS -----

30008BR	256 Kb Mem. Module for S/III (Re-Marketed)	3,750	25
30078AR	128 Kb Mem. Module for S/3x (Re-Marketed)	2,500	10
30418AR	1536 Kb Memory Exp. Kit for all S/IIIs. Exp. Mem. From 1024 Kb to 1536 Kb. (Re-Marketed)	9,025	58
001	Adds one memory power supply (30311A). (Re-Marketed)	2,515	23

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Product Number	Description	U.S. List Price	SMMC
<b>I/O EXPANSION PRODUCTS -----</b>			
30030C	High Speed Selector Channel for Series III	\$ 3,800	28
30021C	ADCC Upgrade Cable. Order one for each existing ADCC beyond the first ADCC Main	395	0
040	Series 39,40,42 Cable Set	0	0
044	Series 44,48 Cable Set	0	0
30022A	General I/O Channel Cable. Order one for each existing GIC in system being upgraded.	450	0
040	Series 39,40,42 Cable Set	0	0
044	Series 44,48 Cable Set	0	0
064	Series 64,68 Cable Set	0	0
30032BR	16 Port Asynchronous Terminal Controller for Series III. (Re-Marketed)	3,010	15
001	103, 202T, and 212 modem support (Re-Marketed)	1,240	3
30055AR	Synchronous Single Line Controller, Cable Included. (Re-Marketed)	2,005	19
30209AR	Line Printer Controller to Interface 2608A, 2613A, 2617A, and 2619A Line Printers with Option 300. (Re-Marketed)	1,285	6
30215AR	Magnetic Tape Controller. Interfaces fifth through eighth 7970B or 7970E magnetic tape drives with 300 level options. (Re-marketed)	2,710	17
30229B	7920/7925 Disc Interface for Series III	1,300	8
30235AR	Series III I/O Expansion Kit. (Re-Marketed)	8,225	48
30341A	Series III HP-IB Interface Module	7,550	122
30416A	Series 33 I/O Expansion Kit	7,950	25
30441A	Asynchronous Terminal Controller Field Upgrade Kit	1,585	3

Product Number	Description	U.S. List Price
<b>HP 3000 SOFTWARE SUPPORT -----</b>		
The following represent monthly fees for HP 3000 Software Support Services. Customers may also purchase:		
Additional Response Center Caller	32400A+P00	\$ 250
MUS for Programmer's Manuals	30093A+Q00	16
<u>PRODUCT</u>	<u>AMS</u>	<u>RCS</u>
<u>FOS/3000</u>	<u>ASC</u>	<u>SMS</u>
	<u>EMS</u>	<u>MUS</u>
<u>Series 30:</u>	<u>(T)</u>	<u>(H)</u>
32430A+_00	400	160
32430A+_41	40	40
32430A+_51	0	0
<u>Series 33:</u>	<u>(V)</u>	<u>(S)</u>
32412A+_00	400	160
32412A+_41	40	40
32412A+_51	0	0
<u>Series II and III:</u>	<u>(W)</u>	<u>(Q)</u>
32435A+_00	450	190
32435A+_50	10	10
32435A+_51	0	0
<u>Series 39 - Disc Cache:</u>	<u>(V)</u>	<u>(S)</u>
30539B+_00	0	0
<u>Series 39 (MPE-V/P):</u>	<u>(W)</u>	<u>(Q)</u>
32514B+_00	350	145
32514B+_22	30	30
32514B+_51	0	0
<u>Series 39 - (MPE-V/E):</u>	<u>(W)</u>	<u>(Q)</u>
32514B+_00-408	350	145
32514B+_22-408	30	30
32514B+_51-408	0	0
<u>Series 40 (MPE-V/P):</u>	<u>(W)</u>	<u>(Q)</u>
32445A+_00	350	145
32445A+_22	30	30
32445A+_51	0	0
<u>Series 40SX (MPE-V/P):</u>	<u>(W)</u>	<u>(Q)</u>
32446A+_00	350	145
32446A+_22	30	30
32446A+_51	0	0
<u>Series 42 (MPE-V/P):</u>	<u>(W)</u>	<u>(Q)</u>
32542B+_00	350	145
32542B+_22	30	30
32542B+_51	0	0

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Product Number	Description	U.S. List Price				
PRODUCT	AMS	RCS	ASC	SMS	EMS	MUS
<u>Series 42 (MPE-V/E):</u>						
32542B+ 00-409	350	145	75	110	30	40
32542B+ 22-409	30	30	80	30	80	
32542B+ 51-409	0	0	50	0	50	
<u>Series 44 (MPE-V/P):</u>						
32440B+ 00	530	210	105	135	30	40
32440B+ 22	30	30	80	30	80	
32440B+ 51	0	0	50	0	50	
<u>Series 48 (MPE-V/P):</u>						
32548B+ 00	530	210	105	135	30	40
32548B+ 22	30	30	80	30	80	
32548B+ 51	0	0	50	0	50	
<u>Series 48 (MPE-V/E):</u>						
32548B+ 00-410	530	210	105	135	30	40
32548B+ 22-410	30	30	80	30	80	
32548B+ 51-410	0	0	50	0	50	
<u>Series 64 (MPE-V/E):</u>						
32460B+ 00	690	280	135	175	35	40
32460B+ 51	0	0	50	0	50	
<u>Series 64 (MPE-V/P):</u>						
32460B+ 00-411	690	280	135	175	35	40
32460B+ 51-411	0	0	50	0	50	
<u>Series 68 (MPE-V/E)</u>						
32468B+ 00	690	280	135	175	35	40
32468B+ 22	30	30	80	30	80	
32468B+ 51	0	0	50	0	50	
<u>Series 68 (MPE-V/P):</u>						
32468B+ 00-411	690	280	135	175	35	40
32468B+ 22-411	30	30	80	30	80	
32468B+ 51-411	0	0	50	0	50	

**HP 3000 SYSTEMS SOFTWARE**

Category/Support Products	CS (C00)	ES (V00)	MUS (Q00)
Languages	99081B+ 55	15	15
Productivity Tools	99082B+ 70	15	10
Data Management	99083B+ 50	10	10
Utility	99084B+ 30	5	5
Datacomm A	99085B+ 25	5	5
Datacomm B	99086B+ 65	15	10
Datacomm C	99087B+ 90	20	5

Product Number	Description	U.S. List Price	
		SMS (\$00)	EMS (W00)
<u>Languages:</u>			
COBOL/3000	32213A+ 30	30	6
COBOLII/3000	32233A+ 30	30	6
SPL/3000	32100A+ 30	30	6
RPG/3000	32104A+ 30	30	6
BASIC/3000	32111A+ 30	30	6
FORTRAN/3000	32102B+ 30	30	6
APL/3000	32105A+ 40	40	8
PASCAL/3000	32106A+ 25	25	5
<u>Productivity Tools:</u>			
Dictionary/3000	32244A+ 15	15	3
Report/3000	32245A+ 15	15	3
Inform/3000	32246A+ 15	15	3
Transact/3000	32247A+ 15	15	3
Rapid	32248A+ 45	45	9
Rapid Proc.	32249A+ 15	15	3
HPToolset	32350A+ 25	25	5
IFS/3000	36580A+ 15	15	3
IDS/3000	36581A+ 20	20	4
PSP/3000	36584A+ 50	50	10
<u>Data Management</u>			
HP2680 Graphics	36583A+ 15	15	3
<u>Utilities:</u>			
Speech Library	27205A+ 10	10	2
Workstn. S/W Config	30239A+ 10	10	2
APS/3000	32180A+ 15	15	3
Flexible Disccopy	32199A+ 5	5	1
Sci. Library	32205B+ 15	15	3
OPT/3000	32238A+ 15	15	3
Adager/3000	35077A+ 0	0	N/A
<u>Datacomm A</u>			
SNA Network Connection	30246A+ 10	10	2
BSC Network Connection	30251A+ 5	5	1
<u>Datacomm B</u>			
SNA/NRJE Netwk. Connection	30245A+ 20	20	4
RJE Netwk Svc.	30248A+ 20	20	4
MRJE Netwk Svc.	30249A+ 20	20	4
DS (MPE-V)	32189A+ 20	20	4
X.25	32191A+ 20	20	4
MTS	32193A+ 15	15	3

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Product Number	Description	U.S. List Price		
<u>Datacomm C</u>				
IMF Netwk Svc.	30250A+__	35	7	
SATCOMM	32188A+__	20	4	
DS and X.25	32190A+__	40	8	
<b>HP 3000 APPLICATIONS SOFTWARE</b>				
Application Family Support Products:				
		(S00)	(W00)	(Q00)
Manufacturing	99101B+__	335	180	70
Factory Automation	99102D+__	300	165	60
Distribution	99103B+__	360	200	75
Administrative	99104B+__	230	145	50
Office Applications	99105B+__	50	30	10
Ofc. Application Tools	99106B+__	40	30	10
Computer Aided ME	99107E+__	110	60	25
Computer Aided EE	99108E+__	725	400	150
Semiconductor Products	99110B+__	N/A	1,100	300
		SMS	ESMS	MUS
		(S00)	(W00)	(Q00)
<u>Office Systems</u>				
HPDraw	32108A+__	20	5	3
HPEasyChart	32109A+__	15	3	3
HPBusiness Graphics	32110A+__	50	10	9
HPMenu	32112A+__	10	3	3
HPWord Int.	32119A+__	10	3	3
HPWord	32120A+__	25	10	3
HPWord (German)	32120DA+__	25	10	3
HPListKeeper	32132A+__	15	5	3
DSG/3000	32250A+__	30	10	3
HPSpell (Amer.)	36561A+__	15	5	3
HPSpell (Brit.)	36561UA+__	15	5	3
HPSpell (Am. & Brit.)	36562A+__	15	5	3
HPSpell (Add-on Am.)	36563A+__	8	3	3
HPSpell (Add-on Brit.)	36563UA+__	8	3	3
HPDeskManager	36570A+__	30	6	5
HPDeskManager (Germ.)	36570DA+__	30	6	5
HPSlate	36576A+__	15	3	3
HPSlate (Germ.)	36576DA+__	15	3	3
TDP/3000	36578A+__	30	6	3
Visicalc/3000	32133A+__	15	5	N/A
Interactive Ofc. Prod.	32114A+__	75	15	15
<u>Manufacturing Applications</u>				
MM/3000 Model 10	32904A+__	25	5	5
Model 20	32903A+__	35	10	3
Model 30	32260A+__	50	10	5
Model 30	32916A+__	73	15	15
MRP	32905A+__	12	5	3
MPS	32906A+__	10	2	3
SPC	32907A+__	8	2	3
FOE	32908A+__	8	2	3
LTC	32909A+__	25	5	3

Product Number	Description	U.S. List Price		
PM/3000 Model 10	32912A+__	30	6	5
Model 20	32911A+__	40	10	5
MM/3000	32270A+__	30	10	5
CRP	32913A+__	25	5	3
Maintenance Management (Model 20)	32275A+__	20	12	3
Maintenance Management (Model 30)	32276A+__	25	15	5
Maintenance Inventory (Control Model)	32277A+__	5	3	3
<u>Administrative Applications</u>				
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+__	20	5	3
HPGeneral Ledger (German Version)	32305A+__	10	5	3
(Aust. Version)	32305D+__	10	5	3
(U.K. Version)	32305L+__	10	5	3
(U.K. Version)	32305U+__	10	5	3
HP Dual Ledger (German Version)	32306A+__	25	5	3
(Aust. Version)	32306D+__	25	5	3
(U.K. Version)	32306L+__	25	5	3
(U.K. Version)	32306U+__	25	5	3
HPAlloc. (German Version)	32307A+__	25	5	3
(Aust. Version)	32307D+__	25	5	3
(U.K. Version)	32307L+__	25	5	3
(U.K. Version)	32307U+__	25	5	3
HP/Accounts Payable (German Version)	32308A+__	10	5	3
(Aust. Version)	32308D+__	10	5	3
(U.K. Version)	32308L+__	10	5	3
(U.K. Version)	32308U+__	10	5	3
HP/Accts. Receivable (German Version)	32309A+__	10	5	3
(Aust. Version)	32309D+__	10	5	3
(U.K. Version)	32309L+__	10	5	3
(U.K. Version)	32309U+__	10	5	3
HP/Report Facility (German Version)	32310A+__	15	5	3
(Aust. Version)	32310D+__	15	5	3
(U.K. Version)	32310L+__	15	5	3
(U.K. Version)	32310U+__	15	5	3
HP/Interface Facility (German Version)	32311A+__	15	5	3
(Aust. Version)	32311D+__	15	5	3
(U.K. Version)	32311L+__	15	5	3
(U.K. Version)	32311U+__	15	5	3
HPGA (German Version)	32312A+__	60	12	3
(Aust. Version)	32312AD+__	60	12	3
(U.K. Version)	32312L+__	60	12	3
(U.K. Version)	32312L+__	60	12	3

Product Number	Description		U.S. List Price	
HPFA	32336A+_-	75	N/A	N/A
Advncd. Customization (User Exits Capability)				
German Version -	32336D+_-	75	N/A	N/A
Aust. Version -	32336L+_-	75	N/A	N/A
U.K. Version -	32336U+_-	75	N/A	N/A
<b>Distribution Applications</b>				
SFD/3000	36401A+_-	20	10	5
OM/3000	36415A+_-	15	5	3
<b>Semiconductor Productivity Applications</b>				
IC-10	33900A+_-	60	20	5
CA-10 I	33911A+_-	60	20	5
CA-10 II	33912A+_-	45	10	5
TD-10	33902A+_-	20	10	5
EN-10	33903A+_-	45	10	5
EA-10	33904A+_-	50	10	5
SO-10	33905A+_-	60	20	5
PC-10/OP.L	33920A+_-	40	10	N/A
PC-10/EQ.S	33921A+_-	25	5	N/A

**Key to Acronyms:**

AMS: Account Management Support  
RCS: Response Center Support  
ASC: Additional System Coverage  
SMS: Software Materials Subscription  
CS: Central Support  
ES: Extended Support  
EMS: Extended Materials Subscription  
MUS: Manual Update Service  
ESMS: Extended Software Materials Subscription

**DISCONTINUED HP 3000 SOFTWARE SUPPORT**-----

The following represent monthly fees for HP 3000 Software Support Services. Customers may also purchase:

Product	Customer Support Service	Additional Site Service	Software Subscription Service	Manual Update Service
Additional PICS Caller 32400P 100				
<b>FOS/3000</b>				
Series 30	32430T 400	32430V 70	32430S 110	32430Q 40
	041 40	041 60	041 40	
	051 0	051 20	051 0	
Series 33	32412T 400	32412V 90	32412S 120	32412Q 40
	041 40	041 60	041 40	
	051 0	051 20	051 0	
Series II and III	32435T 450	32435V 100	32435S 135	32435Q 40
	050 10	050 30	050 10	
	051 0	051 20	051 0	

Product Number	Description	Customer Support Service	Additional Site Service	Software Subscription Service	Manual Update Service
Series 39	30539T	0	30539V 0	30539S 0	
Disc Cache					
S/39/40/	32126T	350	32126V 70	32126S 110	32126Q 40
40SX	022	50	022 70	022 50	
(MPE-V/R)	051	0	051 20	051 0	
Series 39	32514T	350	32514V 70	32514S 110	32514Q 40
(MPE-V/P)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 39	32408T	350	32408V 70	32408S 110	32408Q 40
(MPE-V/E)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 40	32445T	375	32445V 70	32445S 110	32445Q 40
(MPE-V/P)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 40SX	32446T	375	32446V 70	32446S 110	32446Q 40
(MPE-V/P)	022	50	022 70	022 50	
Series 42	32542T	350	32542V 70	32542S 110	32542Q 40
(MPE-V/P)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 42	32409T	350	32409V 70	32409S 110	32410Q 40
(MPE-V/E)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 44	32440T	500	32440V 100	32440S 135	32440Q 40
(MPE-V/P)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 48	32548T	500	32548V 100	32548S 155	32548Q 40
(MPE-V/P)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 48	32410T	500	32410V 100	32410S 155	32410Q 40
(MPE-V/E)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 64	32460T	650	32460V 145	32460S 175	32460Q 40
(MPE-V/E)	051	0	051 20	051 0	
Series 68	32468T	650	32468V 145	32468S 175	32468Q 40
(MPE-V/E)	022	50	022 70	022 50	
	051	0	051 20	051 0	
Series 68	32411T	650	32411V 145	32411S 175	32411Q 40
(MPE-V/P)	051	0	051 20	051 0	

Note: Available options for FOS/3000 are the following:  
022 - Updates on cartridge tape  
041 - Updates on flexible disc  
050 - Updates on 800 bpi mag tape  
051 - Updates on 1600 bpi mag tape

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Product Number	Description	U.S. List Price						
Product	Customer Support Service	Additional Site Service	Software Subscription Service	Manual Update Service				
<b>Languages</b>								
COBOL/3000	32213T	100	32213V	25	32213S	30	32213Q	4
COBOL II/3000	32233T	100	32233V	25	32233S	30	32233Q	5
SPL/3000	32100T	50	32100V	25	32100S	30	32100Q	7
RPG/3000	32104T	100	32104V	25	32104S	30	32104Q	3
BASIC/3000	32111T	55	32111V	25	32111S	30	32111Q	5
FORTRAN/3000	32102T	55	32102V	25	32102S	30	32102Q	3
APL/3000	32105T	100	32105V	25	32105S	40	32105Q	5
Pascal/3000	32106T	70	32106V	15	32106S	25	32106Q	5
<b>Communications</b>								
RJE	30130T	60	30130V	15	30130S	15	30130Q	2
RJE Network Service	30248T	50	30248V	15	30248S	20	30248Q	5
SATCOMM*	32188T	100	32188V	30	32188S	20	32188Q	5
DS (MPE-V)	32189T	60	32189V	15	32189S	20	32189Q	4
DS (MPE-IV)	32190T	125	32190V	35	32190S	40	32190Q	4
X.25	32191T	65	32191V	20	32191S	20	32191Q	5
MRJE	32192T	75	32192V	15	32192S	20	32192Q	2
MRJE Network Service	30249T	65	30249V	20	30249S	20	30249Q	5
MTS	32193T	75	32193V	15	32193S	15	32193Q	2
IMF	32229T	125	32229V	35	32229S	40	32229Q	2
IMF Network Service	30250T	125	30250V	40	30250S	35	30250Q	5
WKSTN	30239T	35	30239V	5	30239S	10	30239Q	3
SNA NRJE Network Service	30245T	75	30245V	25	30245S	20	30245Q	5
SNA Network Connection	30246T	35	30246V	10	30246S	10	30246Q	5
BSC Network Connection	30251T	25	30251V	10	30251S	5		
Satellite Network Connection	32188T	100	32188V	30	32188S	20	32188Q	5
*SATCOMM BMMC 42; SMC 53								
<b>Programmer Productivity Tools</b>								
Sp.Lib/3000	27205T	20	27205V	5	27205S	10	27205Q	5
Dict./3000	32244T	45	32244V	10	32244S	15	32244Q	3
Report/3000	32245T	45	32245V	10	32245S	15	32245Q	3
Inform/3000	32246T	35	32246V	10	32246S	15	32246Q	3
Trans./3000	32247T	55	32247V	10	32247S	15	32247Q	3

Product Number	Description	U.S. List Price						
Product	Customer Support Service	Additional Site Service	Software Subscription Service	Manual Update Service				
<b>Prog. Prod. Package</b>								
RAPID Proc.	32248T	145	32248V	30	32248S	45	32248Q	9
HPToolset	32350T	95	32350V	20	32350S	25	32250Q	3
<b>Office Systems</b>								
HPDraw	32108T	65	32108V	15	32108S	20	32108Q	3
HPEasyChart	32109T	40	32109V	10	32109S	15	32109Q	3
HP Business Graphics	32110T	150	32110V	45	32110S	50	32110Q	9
HPMENU	32112T	15	32112V	5	32112S	10	32112Q	3
HPWORD Int.	32119T	25	32119V	5	32119S	10	32119Q	3
HPWORD	32120T	95	32120V	20	32120S	25	32120Q	3
German HPWORD	32120DT	95	32120DV	20	32120DS	25	32120DQ	3
HPListKpr.	32132T	40	32132V	10	32132S	15	32132Q	3
DSG/3000	32250T	65	32250V	30	32250S	30	32250Q	3
HPSPELL Am.	36561T	40	36561V	10	36561S	15	36561Q	3
HPSPELL Br.	36561UT	40	36561UV	10	36561US	15	36561UQ	3
<b>Office Systems (Cont.)</b>								
HPSPELL Am. & Eng.	36562T	45	36562V	10	36562S	15	36562Q	3
HPSPELL Add-on Am.	36563T	10	36563V	5	36563S	8	36563Q	3
HPSPELL Add-on Br.	36563UT	10	36563UV	5	36563US	8	36563UQ	3
HPDESKMGR.	36570T	80	36570V	30	36570S	30	36570Q	5
German HPDESKMGR.	36570DT	80	36570DV	30	36570DS	30	36570DQ	5
HPSLATE	36576T	45	36576V	10	36576S	15	36576Q	3
German HPSLATE	36576DT	45	36576DV	10	36576DS	15	36576DQ	3
TDP/3000	36578T	60	36578V	30	36578S	30	36578Q	3
IFS/3000	36580T	45	36580V	15	36580S	15	36580Q	3
IDS/3000	36581T	45	36581V	20	36581S	20	36581Q	3
HP 2680 Graphics	36583T	35	36583V	15	36583S	15	36583Q	3
HP Printer Support	36584T	125	36584V	50	36584S	50	36584Q	9

Product Number	Description	U.S. List Price						
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Product Number	Description	U.S. List Price						
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Product	Customer Support Service	Additional Site Service	Software Subscription Service	Manual Update Service				
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Product	Customer Support Service	Additional Site Service	Software Subscription Service	Manual Update Service				
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**Manufacturing**

Manuf. Appl.								
Base	35116T	185	35116V	35	35116S	35	35116Q	3
MM/3000								
Model 10	32904T	55	32904V	10	32904S	25	32904Q	5
Model 20	32903T	150	32903V	22	32903S	35	32903Q	3
Model 25	32260T	150	32260V	80	32260S	100	32260Q	15
Model 30	32916T	240	32916V	50	32916S	73		
MRP	32905T	35	32905V	10	32905S	12	32905Q	3
MPS	32906T	25	32906V	8	32906S	10	32906Q	3
SPC	32907T	15	32907V	5	32907S	8	32907Q	3
FOE	32908T	15	32908V	5	32908S	8	32908Q	3
LCT	32909T	70	32909V	15	32909S	25	32909Q	3
PM/3000								
Model 10	32912T	75	32912V	15	32912S	30	32912Q	5
Model 20	32911T	160	32911V	30	32911S	40	32911Q	5
Model 30	32270T	225	32270V	45	32270S	65	32270Q	15
CRP	32913T	65	32913V	15	32913S	25	32913Q	3

**Financial Applications**

Object Code Support:								
Base CSS	32291T	140						
GL/3000	32285T	70	32285V	40	32285S	50	32285Q	3
AP/3000	32286T	70	32286V	40	32286S	50	32286Q	3
AR/3000	32287T	70	32287V	40	32287S	50	32287Q	3

**VISICALC/3000**

	32133T	40	32133V	15	32133S	15		
Source Code Support:								
Base CSS	32295T	40						
(Req. 32291T)								
GL/3000	32292T	45	32292V	15	32292S	20		
AP/3000	32293T	45	32293V	15	32293S	20		
AR/3000	32294T	45	32294V	15	32294S	20		
HPPAY	32296T	100	32296V	15	32296S	18	32296Q	3
HPPA Base	32304T	200	32304V	30	32304S	60	32304Q	3
HPGL	32305T	25	32305V	5	32305S	10	32305Q	3
German	32305DT	25	32305DV	5	32305DS	10	32305DQ	3
Austral.	32305LT	25	32305LV	5	32305LS	10	32305LQ	3
UK	32305UT	25	32305UV	5	32305US	10	32305UQ	3
HPDL	32306T	75	32306V	15	32306S	25	32306Q	3
German	32306DT	75	32306DV	15	32306DS	25	32306DQ	3
Austral.	32306LT	75	32306LV	15	32306LS	25	32306LQ	3
UK	32306UT	75	32306UV	15	32306US	25	32306UQ	3

HPALLOC	32307T	75	32307V	15	32307S	25	32307Q	3
German	32307DT	75	32307DV	15	32307DS	25	32307DQ	3
Austral.	32307LT	75	32307LV	15	32307LS	25	32307LQ	3
UK	32307UT	75	32307UV	15	32307US	25	32307UQ	3
HPAP	32308T	25	32308V	5	32308S	10	32308Q	3
German	32308DT	25	32308DV	5	32308DS	10	32308DQ	3
Austral.	32308LT	25	32308LV	5	32308LS	10	32308LQ	3
UK	32308UT	25	32308UV	5	32308US	10	32308UQ	3
HPAR	32309T	25	32309V	5	32309S	10	32309Q	3
German	32309DT	25	32309DV	5	32309DS	10	32309DQ	3
Austral.	32309LT	25	32309LV	5	32309LS	10	32309LQ	3
UK	32309UT	25	32309UV	5	32309US	10	32309UQ	3
HPRF	32310T	40	32310V	10	32310S	15	32310Q	3
German	32310DT	40	32310DV	10	32310DS	15	32310DQ	3
Austral.	32310LT	40	32310LV	10	32310LS	15	32310LQ	3
UK	32310UT	40	32310UV	10	32310US	15	32310UQ	3
HPIF	32311T	40	32311V	10	32311S	15	32311Q	3
German	32311DT	40	32311DV	10	32311DS	15	32311DQ	3
Austral.	32311LT	40	32311LV	10	32311LS	15	32311LQ	3
UK	32311UT	40	32311UV	10	32311US	15	32311UQ	3
HPGA	32312T	200	32312V	30	32312S	60	32312Q	3
German	32312DT	200	32312DV	30	32312DS	60	32312DQ	3
Austral.	32312LT	200	32312LV	30	32312LS	60	32312LQ	3
UK	32312UT	200	32312UV	30	32312US	60	32312UQ	3

**Distribution Software**

SFD/3000	36401T	300	
OM/3000	36415T	375	

**Additional Applications**

APS/3000	32180T	45	32180V	10	32180S	15	32180Q	3
OPT/3000	32238T	75	32238V	15	32238S	15	32238Q	3
Flexible	32199T	10	32199V	5	32199S	5		
Discopy								
Sci. Lib	32205T	30	32205V	15	32205S	15	32205Q	2
SIS/3000	32900T	200	32900V	50	32900S	60	32900Q	7
CIS/3000	32902T	200	32902V	50	32902S	60	32902Q	4

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Product Number	Description			U.S. List Price		SMMC
	S/W Subscrip. Service		Add'tl. Svc.	Site Update	Manual Svc.	
<b>Semiconductor Information Systems</b>						
IC-10	33900S	790	33900W	200	33900U	14
IC-10 (Acct)	33901S	170	33901W	45		
CA-10 (M.I)	33911S	610	33911W	155	33911U	14
CA-10 (M.II)	33912S	420	33912W	105		
TD-10	33902S	55	33902W	15	33902U	5
EN-10	33903S	270	33903W	70	33903U	5
EA-10	33904S	235	33904W	60	33904U	5
SO-10	33905S	295	33905W	80	33905U	5

Product	Customer Support Service	Addtl. Site Service
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**Financial Applications User Exits**

32336A	HPFA Advanced Customization (User Exits Capability)	\$ 75	\$ 5
32336DA	German HPFA Advanced Customization (User Exits Capability)	75	5
32336LA	Australian HPFA Advanced Customization (User Exits Capability)	75	5
32336UA	UK HPFA Advanced Customization (User Exits Capability)	75	5

**HP 3000 SOFTWARE NOTIFICATION SERVICE**

32499A+N00	HP 3000 Software Notification Service	\$ 25/mo.
32499A	HP 3000 Software Notification Service	25/mo.
35059A	HP 3000 Appl. Software Notification Service	15/mo.

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

Pre-Series II Support Services

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

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

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

HP 3000 Pre-Series II Manual Update Service

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

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

Series II, Series III, and Series 33 Support Services

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

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

HP 3000 Software Notification Service

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