

HP 3000 Computer Systems



Price Guide

Effective May, 1983

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Product Number	Description	Price	SMMC
SYSTEM PROCESSOR UNITS -----			
32440B	HP 3000 Series 44 System Processor Unit (60 Hz). Must order all ADCCs separately.	\$ 64,500	\$314
	M01: Remote Support Service Credit	0	-65
015	200-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape	0	0
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
32460B	HP 3000 Series 64 System Processor Unit (60 Hz). Must order an ATP separately.	166,100	719
	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
32514A	HP 3000 Series 39 System Processor Unit (60 Hz). Must order all ADCCs separately.	28,700	242
	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	24
35030A	Power Line Conditioner (Series 30 and 40)	1,100	6

RE-MARKETED SYSTEMS -----

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
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

Product Number	Description	Price	SMMC
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
970	7970E 1600 bpi tape drive HP-IB master in upright cabinet (110 VAC)	12,200	154
971	7970E 1600 bpi tape drive HP-IB master in upright cabinet (230 VAC)	12,200	154
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
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
970	7970E 1600 bpi tape drive HP-IB master in upright cabinet (110 VAC)	12,200	154
971	7970E 1600 bpi tape drive HP-IB master in upright cabinet (230 VAC)	12,200	154

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Product Number	Description	Price	SMMC
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	Price	SMMC
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 internal cable	0	0
044	Series 44 internal cable	0	0
064	Series 64 internal cable	0	0
30087A	HP 3000 Series 44 I/O Expansion Kit	9,000	26
30143A	I/O Adapter Module for Series 64 (IMB)	10,100	34

NOTE: Advanced Terminal Processor (DSN/ATP) consists of an SIB (30144A) and Port Controller (30145A or 30155A)

30144A	DSN/ATP System Interface Board (SIB)	3,145	15
30145A	DSN/ATP Direct Connect Port Controller. Standard Provides 12 RS-422 Ports.	6,530	28
001	First Port Controller on Series 64	-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
30155A	DSN/ATP Modem Port Controller	8,070	34
001	First Port Controller on Series 64	-250	0

COMMUNICATIONS INTERFACES -----

30010A	Intelligent Network Processor (INP) for Series III	4,760	43
001	New I/O card cage backplane	400	N/A
30020B	Intelligent Network Processor (INP) for Series 3x,4x,or 64	4,235	53

MEMORY EXPANSION -----

30092A	512 Kb Memory Module for Series 39,4x	8,500	16
30094A	Add-on Series 44 Memory Controller	1,600	11
30142A	1 Mb Memory Module for Series 64	12,000	75
30161A	1 Mb Memory Module for Series 39,4x	12,000	32
30171A	256 Kb Memory Module for Series 39,40	4,500	8

I/O EXPANSION -----

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 internal cable	0	0
044	Series 44 internal 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 internal cable	0	0
044	Series 44 internal cable	0	0

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

Product Number	Description	Price	SMMC
DISC DRIVES			
7906M	Master 20 Mb Cartridge Disc Drive	\$ 17,350	\$156
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
7906S	Add-on 20 Mb Disc Drive	13,270	116
015	220V/50 Hz single phase operation	0	0
7911P	28 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	14,800	54
001*	Adds second controller	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 second controller	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-11
* Required for use on MPE based systems.			
7914P	132 Mb Disc Drive with Integral 67 Mb Tape Cartridge	19,900	66
001	Adds dedicated controller	1,840	24
015	220V/50 Hz single phase operation	0	0
140	Deletes cartridge tape drive	-3,570	-14
7914TD	Mass Storage Subsystem Consisting of 132 Mb 7914 Disc Drive and 7970E 1/2" Mag Tape Drive (HP-IB Version) Mounted in a 72" High Cabinet	26,540	193
002	Adds cartridge tape drive and second controller	5,410	38
015	220V/50 Hz single phase operation	0	0
114	Adds second 7914 (opt. 140) disc drive	14,290	52
7920M	Master 50 Mb Disc Drive	19,400	135
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
7920MR	Master 50 Mb Disc Drive (Re-Marketed)	12,175	135
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,000	4
7920S	Add-on 50 Mb Disc Drive	15,310	95
015	220V/50 Hz single phase operation	0	0
7920SR	Add-on 50 Mb Disc Drive (Re-Marketed)	9,825	95
015	220V/50 Hz single phase operation	0	0

Product Number	Description	Price	SMMC
7925M	Master 120 Mb Disc Drive	\$ 22,510	\$125
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,200	4
7925MR	Master 120 Mb Disc Drive (Re-Marketed)	16,750	125
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,000	4
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 Operating 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
7935H	404 Mb Removable Media Disc Drive, Standard Operating Voltage is 208V w/1 m HP-IB Cable	28,070	162
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
97935A	404 Mb Removable Media Module for 7935H Disc Drive	1,531	37
97935K	Upgrade Kit for Upgrading a 7933H to 7935H	3,060	0

Product Number	Description	Price	SMMC
9895A	Flexible Disc System Must order options 010 and 333.	\$ 5,910	\$ 84
001	50 Hz operation	0	0
010	Single drive system (1.2 Mb)	-1,330	-36
068	Twenty flexible discs (HP 92195A media)	195	N/A
333	HP-IB two meter cable	80	0
92195A	Box of ten (10) double-sided, double-density, 8 inch discs for 9895A	94	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 Cartridges (5 pack)	170	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

MAGNETIC TAPE SUBSYSTEMS -----

7970B	800 cpi/45 ips Magnetic Tape Subsystem	8,410	86
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	3
334	Initial drive on 30215A controller without cabinet*	1,365	0
320	Add-on drive in lo-boy cabinet	3,805	3
330	Add-on drive without cabinet*	1,120	0
* Reference 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	3
320	Add-on master drive in lo-boy cabinet	3,785	3
330	Add-on master drive without cabinet*	1,345	0
321	Slave drive in lo-boy cabinet	1,955	-7
331	Slave drive without cabinet*	300	-7

Product Number	Description	Price	SMMC
The following options apply to the Series 30,33,39,40,44 and 64:			
426	HP-IB master drive in lo-boy cabinet	\$ 5,110	\$ 42
436	HP-IB master drive without cabinet*	2,310	39
421	Slave drive in lo-boy cabinet	1,955	3
431	Slave drive without cabinet*	300	-7

* Reference 26074A Installation Kit

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	89
410	7970B Add-on drive	2,035	89
481	7970B Two drives, initial and add-on	12,730	175
411	7970B Two drives, add-on	12,830	175
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	186

The following options apply to the S/30,33,39,40,44 and 64:

340	7970E HP-IB Master	5,090	139
344	7970E Two HP-IB masters (Series 44 and 64 only)	16,700	275
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	229
7976A	1600/6250 cpi Magnetic Tape Subsystem	44,440	586
010	For oper. at altitudes from 2500-6500 ft.	0	0
011	50 Hz operation	0	0
015	220 V operation	0	0
016	100 V operation	0	0
017	240 V operation	0	0
316	Tape drive subsystem for Series III*	0	0
416	Tape drive subsystem for Series 30,33 and 40	0	0
516	Tape drive subsystem for Series 44	0	0
616	Tape drive subsystem for Series 64	0	0

* Requires 30341A HP-IB Interface Module. 7970B/E required for CPU diagnostics and memory dump.

220 / 60
240 / 50

Product Number	Description	Price	SMMC
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	
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

PRINTERS AND CONTROLLERS

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 64. Must order one of the following options.	2,475	22
301	Cable set for Series 30	700	0
302	Cable set for Series 33	700	0
340	Cable set for Series 39,40	700	0
344	Cable set for Series 44	700	0
364	Cable set for Series 64	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	67
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	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.	1,950	50
015	220V operation	0	0
017	240V operation	0	0
26020A	Forms tractors for 2602A	285	0

Product Number	Description	Price	SMMC
2608A	400 lpm Printer (1-69 print hrs/month)	\$ 11,890	\$109
	U02: 70-130 print hours per month		+26
	U03: 131-360 print hours per month		+106
001	Language option	165	0
002	Language option	165	0
015	220V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	240V/50 Hz single phase operation	0	0
106	Six-Pack Ribbon Starter Kit	145	0
110	Sound cover	265	0
300	HP 3000 Series III interface and cable	615	0
715	Service Documentation	38	0
2608S	400 lpm Printer (1-69 print hrs/month)	11,170	90
	U02: 70-130 print hours per month		+22
	U03: 131-360 print hours per month		+88
001	Character Set	165	0
002	Character Set	165	0
003	Character Set	165	0
015	220V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	240V/50 Hz single phase operation	0	0
055	HP 3000 Multipoint I/O Subsystem	870	0
068	6-Pack Ribbon Starter Kit	145	0
110	Sound Cover/Static Suppressor	265	0
113	Cabinet replaces pedestal stand	310	0
115	Passive stacker for pedestal stand	335	0
116	Passive stacker for cabinet stand	335	0
333	HP-IB interface and 4 m cable for S/3x	1,025	0
340	HP-IB interface and 4 m cable for S/39/40	1,025	0
344	HP-IB interface and 4 m cable for S/44	1,025	0
364	HP-IB interface and 4 m cable for S/64	1,025	0
715	Service Documentation	38	0
26001S	Character Sets (1 option per 26001S)	255	0
001	Character Sets Upgrade	0	0
002	Character Sets Upgrade	0	0
003	Character Sets Upgrade	0	0
26002S	HP-IB I/O Upgrade Kit	665	0
050	Multipoint I/O Upgrade Kit	51	0
26004S	Sound Abatement Cover	265	0
26007S	Passive stacker for pedestal stand	335	0
116	Passive stacker for cabinet stand	0	0
2611A	600 lpm Printer (1-66 print hours per month)	18,560	303
	U02: 67-99 print hours per month		+144
	U03: 100-132 print hours per month		+324
	U04: 133-165 print hours per month		+566
001	96 character set; 430 lpm	1,455	0
002	64 character set with OCR-B font	700	0
003	96 character set with OCR-B font	2,155	0

Product Number	Description	Price	SMMC
015	230V/50 Hz single phase operation	\$ 0	\$ 0
016	100V/50 Hz single phase operation	0	0
017	230V/60 Hz single phase operation	0	0
	(See below for options 300,301,302,340,344,364)		
2619A	1000 lpm Printer (1-66 print hrs/month)	26,370	363
	U02: 67-99 print hours per month		+173
	U03: 100-132 print hours per month		+389
	U04: 133-165 print hours per month		+681
001	96 character set; 750 lpm	1,455	0
002	64 character set with OCR-B font	700	0
003	96 character set with OCR-B font	2,155	0
015	230V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	230V/60 Hz single phase operation	0	0
	(See below for options 300,301,302,340,344,364)		
One of the following options must be ordered			
300	HP 3000 Series III cable	1,025	0
301	Series 30 HP-IB interface and cable	2,530	22
302	Series 33 HP-IB interface and cable	2,530	22
340	Series 39/40 HP-IB interface and cable	2,530	22
344	Series 44 HP-IB interface and cable	2,530	22
364	Series 64 HP-IB interface and cable	2,530	22
2631B	180 cps Dot Matrix Printer. Modem cable 02631-60065 included with standard RS-232 interface.	3,970	39
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
046	Replaces standard interface with HP-IB. No cable included.	50	0
050	Parallel Differential Interface. No cable included.	-65	0
051	RS-232 Edge Connector. No cable included.	65	0
068	Three-Pack Ribbon Starter Kit	60	N/A
240	Provides terminal board, cable for 264x terminals	105	0
242	Replaces standard modem cable with 13242G for 262x terminals	0	0
250	For use with HP 250 HP-IB interface and 2 m cable	125	0
331	RS-232-C Remote Spooled Printer Capability (with 3.8 m cable)	0	0
715	Service Documentation	25	0

Product Number	Description	Price	SMMC
2631G	Graphics Printer. Cable not included.	\$ 4,970	\$ 45
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
200	Bar Code Printer	600	-9
715	Service Documentation	15	0

NOTE: Multi-lingual language options are available for the 2631B and 2631G. See printed data sheets for details.

13242G	RS-232-C Cable for connecting 2631B to 262x terminals (male/male, 5 m)	68	0
26090A	Sound abatement cover for 2631B or 2635B	115	N/A
26097A	Pedestal Stand with casters for 2631B or 2635B (includes paper catcher)	393	N/A

INTELLIGENT PAGE PRINTERS

2680A	Intelligent Page Printer. Includes 125,000 rotations. See options 300 thru 364 for cabling.	91,600	580
	U02: 125,001 to 200,000 rotations		+400
	U03: 200,001 to 275,000 rotations		+770
	U04: 275,001 to 350,000 rotations		+1130
015	208-240V/50 Hz operation	0	0
060	Graphics/Extended Memory Management	2,565	0
099	Replaces 8 m cable with 2 m cable	0	0
300	Series III cable, documentation	1,550	0
301	Series 30 cable, documentation	1,550	0
302	Series 33 cable, documentation	1,550	0
340	Series 39,40 cable, documentation	1,550	0
344	Series 44 cable, documentation	1,550	0
364	Series 64 cable, documentation	1,550	0
505	Add-on 256 Kb memory module	4,550	6
520	One Mb Memory (Deletes std. 256 Kb)	7,550	24
521	One Mb Memory Addition	12,000	32
525	Vacuum Paper Splice Option	1,025	0
26808A	Add-on 256 Kb memory module for 2680A and 26804A	4,550	6
26885A	Add-on 1 Mb memory for the 2680A and 26804A	12,000	32
26886A	Add-on graphics, extended memory management for the 2680A and 26804A	3,690	0
2804A	2685 Model 40 Print Station. Includes 125,000 rotations. Includes Cables.	164,000	1085
	U02: 125,001 to 200,000 rotations		+400
	U03: 200,001 to 275,000 rotations		+770
	U04: 275,001 to 350,000 rotations		+1130
015	220V/50 Hz single phase operation	300	0

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Product Number	Description	Price	SMMC
017	240V/50 Hz single phase operation	\$ 300	\$ 0
030	Adds COBOL II compiler	4,050	0
031	Adds FORTRAN compiler	2,100	0
040	Deletes 64 Mb disc and adds 404 Mb disc for U.S. 120 VAC	13,350	24
041	Deletes 64 Mb disc and adds 404 Mb disc for U.S. (Standard) 208 VAC	13,350	24
042	Expands disc capacity to 404 Mb disc for Canada 240 VAC	13,350	24
043	Expands disc capacity to 404 Mb disc for continental Europe 220 VAC	13,350	24
044	Expands disc capacity to 404 Mb disc for Switzerland 220 VAC	13,350	24
045	Expands disc capacity to 404 Mb disc for Denmark 220 VAC	13,350	24
046	Expands disc capacity to 404 Mb disc for United Kingdom 220 VAC	13,350	24
047	Delete 64 Mb disc and adds 404 Mb disc for Australia and New Zealand 240 VAC	13,350	24
050	Expands disc capacity to 120 Mb disc 120 VAC	10,400	74
051	Expands disc capacity to 120 Mb disc 120 VAC	10,400	74
052	Deletes 7912/7971, adds 7914TD	-1,000	10
053	Deletes 7912/7971, adds 7914TD; 240V/50 Hz	-1,000	10
054	Deletes 7912/7971, adds 7914TD; 264 Mb	13,290	62
055	Deletes 7912/7971, adds 7914TD; 220V/50 Hz	13,290	62
060	Graphics/extended memory management	2,565	0
065	Graphics software interface	6,150	0
074	Deletes 7971A; adds 7976A, 120V/60 Hz	30,450	447
075	Deletes 7971A; adds 7976A, 220V/50 Hz	30,450	447
076	Deletes 7971A; adds 7976A, 240V/50 Hz	30,450	447
077	Deletes 7971A; adds 7976A, 120V/60 Hz	30,450	447
078	Deletes 7971A; adds 7976A, 220V/50 Hz	30,450	447
079	Deletes 7971A; adds 7976A, 240V/50 Hz	30,450	447
095	Deletes 7971; no replacement	-12,790	-154
096	Deletes 2382A console; no replacement	-1,820	-20
097	Deletes 65 Mb disc; no replacement	-12,350	-45
098	Delete 1600 bpi magnetic tape unit and replace with cartridge tape unit on the 7912P	-8,750	-143
099	Delete design and formatting software and graphics terminal	-10,250	-41
505	256 Kb memory extension	4,550	0
520	One Mb memory (Deletes std. 256 Kb)	7,550	24
521	One Mb memory addition	12,000	32
525	Vacuum Paper Splice Option	1,025	0
607	Expand controller memory to 1 Mb	8,200	16
26075A	Multiple System Access Selector. Order Cables Separately.	725	6

Product Number	Description	Price	SMMC
GRAPHICS PLOTTERS -----			
7220C	Graphics Plotter, includes RS-232 cable	\$ 5,860	\$ 70
001	Expanded Buffer Memory	225	0
7220T	Graphics Plotter, with automatic paper advance, includes RS-232 cable	7,980	80
001	Expanded Buffer Memory	225	0
7221C	Graphics Plotter, includes RS-232 cable	5,860	70
001	Expanded Buffer Memory	225	0
7221T	Graphics Plotter, with automatic paper advance, includes RS-232 cable	7,980	80
001	Expanded Buffer Memory	225	0
7240A	RS-232-C Plotter/Printer, includes RS-232 cable	7,260	64
7245B	Plotter/Printer	7,260	64
7470A	Graphics Plotter	1,575	24
001	RS-232-C interface	0	0
002	HP-IB Interface	0	0
016	Eavesdrop Cable for option 001	100	0
7580B	Drafting Plotter-combo HP-IB/RS-232	16,100	124
7585B	Drafting Plotter-combo HP-IB/RS-232	22,900	124
9872C	Graphics Plotter	5,860	70
9872T	Graphics Plotter, with automatic paper advance	7,980	80
DIGITIZERS -----			
9111A	Graphics Tablet	2,275	16
INTERACTIVE DISPLAY TERMINALS -----			
2382A	Office Display Terminal	1,720	20
001	Swedish/Finnish character set/keyboard	80	0
002	Norwegian/Danish character set/keyboard	80	0
003	French "AZERTY" character set/keyboard	80	0
004	German character set/keyboard	80	0
005	United Kingdom character set/keyboard	80	0
006	Spanish character set/keyboard	80	0
007	French "QWERTY" character set/keyboard	80	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
100	Extended keyboard	100	0
202	Line Drawing Character Set	80	0

Product Number	Description	Price	SMMC
301	U.S. Modem Cable, Male, Same as 13242N	\$ 100	\$ 0
302	European Modem Cable, Male, Same as 13242M	100	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13242X	45	0
305	RS-232-C EMP Protect Cable, Male, Same as 13242Y	74	0
2621B	Character Mode Terminal	1,645	24
001	Finnish/Swedish character set/keyboard	105	0
002	Danish/Norwegian character set/keyboard	105	0
003	French character set/keyboard	105	0
004	German character set/keyboard	105	0
005	U.K. character set/keyboard	105	0
006	Spanish character set/keyboard	105	0
010	U.S. ASCII set/keyboard with national character set firmware	105	0
015	220V/50 Hz operation	0	0
050	Integral Thermal Printer	1,210	16
061	Green CRT	50	0
062	Orange CRT	100	0
090	Delete Pedestal	0	0
100	U.S. ASCII extended keyboard	150	0
101	Finnish/Swedish extended keyboard	150	0
102	Danish/Norwegian extended keyboard	150	0
103	French extended keyboard	150	0
104	German extended keyboard	150	0
105	United Kingdom extended keyboard	150	0
106	Spanish extended keyboard	150	0
110	U.S. ASCII extended keyboard with national character set firmware	150	0
301	U.S. Modem Cable, Male, Same as 40242M	70	0
302	European Modem Cable, Male, Same as 40242M	70	0
303	RS-232-C Cable, Female, Same as 40242C	70	0
304	HP Direct Connect RS-232 Cable, Male, Same as 40424C	149	0
305	RS-232-C EMP Protect Cable, Male, Same as 40424C (except 2647F)	144	0
2622A	Block Mode Terminal	2,210	28
202	Line Drawing Character Set (See below for additional options)	105	0
2623A	Graphics Terminal	3,250	36
202	Line Drawing Character Set and Roman extension (provides national languages with U.S. ASCII keyboard) (See below for additional options)	105	0
2624B	Data Entry Terminal	3,035	33
160	Additional Display Memory	210	0
201	Math and Large Character Set (See below for additional options)	105	0
2626A	Display Station. 110V/60 Hz	4,400	41
201	Math and Large Character Set (included with language options) (See below for additional options)	265	0

Product Number	Description	Price	SMMC
The following options apply to the 2622A, 2623A, 2624B, and the 2626A:			
001	Finnish/Swedish character set/keyboard	\$ 105	\$ 0
002	Danish/Norwegian character set/keyboard	105	0
003	French character set/keyboard	105	0
004	German character set/keyboard	105	0
005	United Kingdom character set/keyboard	105	0
006	Spanish character set/keyboard	105	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
035	RS422 for DSN/ATP	125	0
050	Integral Thermal Printer	1,210	16
061	Green CRT	50	0
090	Delete Pedestal and Fan	0	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
2626W	Word Processing Station	5,000	55
001	Finnish/Swedish character set/keyboard	265	0
002	Danish/Norwegian character set/keyboard	265	0
003	French character set/keyboard	265	0
004	German character set/keyboard	265	0
005	United Kingdom character set/keyboard	265	0
006	Spanish character set/keyboard	265	0
007	French Canadian character set/keyboard	265	0
009	Italian character set/keyboard	265	0
011	Finnish character set/keyboard	265	0
012	Danish character set/keyboard	265	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
035	RS422 for DSN/ATP	125	0
050	Integral Thermal Printer	1,210	16
061	Green CRT	50	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

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Product Number	Description	Price	SMMC
2627A	Color Graphics Terminal	\$ 5,975	\$ 34
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
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	4,900	33
	(See below for options)		
2645R	Arabic Display Station	5,750	44
201	Math Character Set	105	0
202	Line Drawing Set	160	0
203	Large Character Set	160	0
	(See below for additional options)		
2645S	Swedish/Finnish Display Station	4,900	33
	(See below for options)		
2647F	Intelligent Graphics Terminal	9,950	89
072	Second Flexible Mini Disc Drive	1,050	0
890	Series 64 Console	-1,750	0
	(See below for additional options)		
2648A	Graphics Terminal	7,150	41
096	Shared Peripheral Interface	735	0
	(See below for additional options)		

Product Number	Description	Price	SMMC
	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 DSN/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
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

Product Number	Description	Price	SMMC
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

PRINTING TERMINALS -----

2635B	180 cps Printing Terminal. Modem cable 02631-60065 included.	4,370	41
001	Finnish/Swedish keyboard	100	0
002	Danish/Norwegian keyboard	100	0
003	French keyboard	100	0
004	German keyboard	100	0
005	United Kingdom keyboard	100	0
006	Spanish keyboard	100	0
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
051	RS-232 Edge Connector	65	0
068	Three-pack Ribbon Starter Kit	60	N/A
715	Add service documentation	25	N/A
26090A	Sound abatement cover for 2631B or 2635B	115	N/A
26097A	Pedestal Stand with casters for 2631B or 2635B (includes paper catcher)	393	0

DATA COLLECTION TERMINALS -----

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

Product Number	Description	Price	SMMC
021	Delete reference manual	\$ -50	\$N/A
054	Low resolution industrial bar code reader	1,030	11
055	High resolution industrial bar code reader	1,030	11
3077A	Time Reporting Terminal	3,610	61
001	Replace Type V Reader with Multifunction Reader	460	0
002	Replace Type V Reader with Magnetic Stripe Reader	115	0
005	Alphanumeric Display	635	0
015	220V/240V operation	0	0
021	Delete Reference Manual	-50	N/A

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

7260A	Optical Mark Reader	8,460	146
002	Select Hopper	460	0
003	Encoder	580	0
004	Bell	63	0
005	200/240V AC power operation	0	0
006	50 Hz operation	0	0
007	Wider input hopper for turn-around document	230	0
045	Provides operation with desktop computers	23	0
300	Adds operating documentation for HP 3000	11	N/A

TERMINAL ACCESSORIES -----

13231A	Display Enhancements (except 2647F)	400	0
201	Math Symbols Alternate Character Set	105	0
203	Large Character Alternate Character Set	160	0

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Product Number	Description	Price	SMMC
13234A	Terminal 4 K Memory Module (except 2647F)	\$ 320	\$ 0
13236B	Cartridge Tape Upgrade Kit (includes installation)	1,655	12
13250B	Serial Printer Interface Board	330	0
13257N	LINK/47 (2647F/HP 3000 File Transfer Software)	195	0
13260E	RS422 for DSN/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 DSN/ATP for 2621A/P, 2622A, 2623A	125	0
001	For 2624A/B, 2626A/W	0	0
13273A	Autoplot/2700 Software	1,250	0
13273C	Paintbrush/2700 Software	1,250	0
13273G	Double Buffered Graphics Memory	1,400	0
001	Connectors required for RGB Video Output Interface	50	0
13273H	Shared Peripheral Interface	1,300	0
13273M	RGB Video Output Interface	1,200	0
001	Connectors required for double buffered graphics memory	50	0
13273P	Application Memory 128 Kb	1,300	0
001	Application Memory 256 Kb	600	0
13273T	Data Tablet and Interface	2,200	0
13273V	Vector Memory 128 Kb	1,200	0
001	Vector Memory 256 Kb	600	0
13296A	Shared Peripheral Interface for 2648A Graphics Terminals	745	0

Product Number	Description	Price	SMMC
40206A	Tilt and Swivel Base upgrade for 262x terminals; except 2627A	\$ 130	\$ 0
92911A	Bar Code Reader Accessory for 2622, 2623, 2624, 2626, 2627 terminals. Medium density wand.	650	5
053	High resolution wand	0	5
TERMINAL CABLES POINT-TO-POINT CONNECTIONS (262x AND 2382) ----			
13222M	European Modem Cable, 5 m	80	0
13222N	U.S. Hardwired/Modem Cable, 5 m	80	0
13222P	HP Direct Connect Type 422 Cable (except 21B and 2382)	80	0
13222X	HP Direct Connect Type 232 Adapter Cable	80	0
13222Y	RS-232-C EMP Protect Cable	54	0
13242M	European Modem Cable for Port 2 of 2626A, 2624B, 2382A	100	0
13242N	U.S. Modem Cable for Port 2 of 2626A, 2624B, 2382A and for 2621B (U.S. and ICON only)	100	0
13242X	HP Direct Connect Type 232 Cable and for 2621B (U.S. and ICON only)	80	0
13242Y	EMP Protect Cable for Port 2 of 2626A, 2382A and for 2621B (U.S. and ICON only)	75	0
40242C	RFI Filter Extender Cable for 2621B	70	*
40242M	RFI Filter Modem Cable for 2621B	70	*
40242Z	RFI Filter Modem Bypass Cable for 2621B	70	*
* Contact your HP representative for price information.			
TERMINAL CABLES POINT-TO-POINT CONNECTIONS (264x) -----			
13232A	Terminal Cable (except 2747F)	54	0
13232I	HP Direct Connect Type 422 Cable	80	0
13232M	European Modem Cable	90	0
13232N	U.S. Modem Hardwired Cable	90	0
13232U	Modem Bypass Cable	54	0

Product Number	Description	Price	SMMC
13232X	HP Direct Connect Type 232 Cable	\$ 80	\$ 0
13232Y	EMP Protect Cable (male) (except 2647F)	75	0
13232Z	EMP Protect Cable (female) (except 2647F)	75	0
TERMINAL EXTENDER CABLES POINT-TO-POINT CONNECTIONS -----			
30062B	Data Set Cable	70	0
001	Replace 7.6 m cable with 15.2 m cable	35	0
30062C	Hardwired or Modem Extender Cable	115	0
001	Replaces 7.6 m cable with 15.2 m cable	45	0
002	Replaces 7.6 m cable with 30.5 m cable	105	0
30062D	Hardwire Extender 7.6 m (25 ft.) Cable	70	0
30062E	Cable Adapter	50	0
30153A	HP-Direct Connect 232 Extension Cable	205	0
30154A	HP-Direct Connect 422 Extension Cable	205	0
ADVANCED TERMINAL PROCESSOR ADAPTER CABLES -----			
30152A	Adapter Cable, 3 pin to 25 pin	180	0
MULTIPOINT TERMINAL COMMUNICATIONS 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	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
92902A	Data Link Cable (Shielded twisted pair cable)	0	0
001	100 m cable	335	0
002	300 m cable	945	0
92905A	Device to Data Link Cable	121	0
92905P	Multipoint-to-data link cable	230	0
92906A	Multipoint cable with no connectors		
001	100 m cable	410	0
002	300 m cable	1,165	0
92908A	Data link tester	210	0
92909A	Data link test cable	135	0
13232P	Modem Multipoint Cable	120	0
13232Q	Multipoint Cable	125	0
13232R	Multipoint Extension Cable	125	0
13232T	Power Protect Multipoint Cable	200	0



FIBER OPTIC MULTIPLEXER CABLES -----

39200B	Fiber Optic Cable	4.50/meter	0
001	Factory installed connector set	180	0
8120-3569	Dual Channel Adapter Cable	102	0

CLUSTER CONTROLLERS -----

2333A	Multipoint Cluster Controller	2,000	16
015	230V/50 Hz operation	0	0
021	Data Link Host	0	0
022	RS-232-C Host	0	0
40250A	Terminal Serial Interface	820	0
40251A	Second Host System Adapter	550	0
021	Data Link Host	0	0
022	RS-232-C Host	0	0

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

Product Number	Description	Price	SMMC
MODEMS AND LINE DRIVERS -----			
37230A	Short-Haul Modem*	\$ 1,190	\$ 7
301	Rackmount Adapter	30	0
302	Dual Rackmount	50	0
* May not be available outside of U.S.A. Consult your local HP Sales representative for availability.			
13265A	300 BPS Modem Pod for 262x terminals	500	2
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 DSN/ATC Connection	0	0
302	Documentation for DSN/ADCC Connection	0	0
303	Documentation for DSN/ATP Connection	0	0

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

HP-IB CABLES -----			
10833A	HP-IB cable 1 m (3.3 ft)	81	0
10833B	HP-IB cable 2 m (6.56 ft)	91	0
10833C	HP-IB cable 4 m (13.12 ft)	101	0

INP CABLES -----			
30221A	Synchronous Modem Cable for Series 3x,4x,64	375	0
30221B	Asynchronous Multipoint Cable for Series 3x,4x, or 64	375	0
30221D	High Speed Synchronous Modem Cable for Series 3x,4x, or 64	270	0
30221F	HP 3000 to HP 1000 Direct Connect Cable for Series 3x,4x, or 64	375	0
30221G	Auto Call Cable for Series 3x,4x, or 64	455	0

Product Number	Description	Price	SMMC
30221H	INP X.21 Cable	\$ 375	\$ 0
30222A	Synchronous Modem Cable for Series III	270	0
30222B	Asynchronous Multipoint Cable for Series III	270	0
30222D	High Speed Synchronous Modem Cable for S/III	270	0
30222F	HP 3000 to HP 1000 Direct Connect Cable for Series III	375	0
30222H	X.21 Cable for Series III	375	0
30224A	INP-to-INP Direct-Connect Cable for S/III	270	0
30224B	INP-to-INP Direct-Connect Cable for Series 3X, 4X, and 64	270	0
30224L	External Interconnect Cable	165	0
001	25 m cable	55	0
002	50 m cable	130	0
003	100 m cable	270	0
004	250 m cable	715	0
005	500 m cable	1,430	0
006	1,000 m cable	2,915	0
30225A	INP-to-SSLC Direct-Connect Cable for Series III	270	0
30225B	INP-to-SSLC Direct-Connect Cable for Series 3x,4x,64	335	0

COBOL II EXTENDED INSTRUCTION SETS -----			
32234A	COBOL II Extended Instruction Set for Series III	700	0
32236A	COBOL II Extended Instruction Set for Series 30, 33 only	700	0

Product Number	Description	Price
LANGUAGES -----		
32233A	COBOL II/3000 Compiler	\$ 5,000
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
32233R	"Right-to-Copy" 32233A with sublicense	2,500
300	BASIC/RPG/300 Return Credit	- 630
301	SL/300 Return Credit	- 840
32233M	"Right-to-Copy" 32233A without sublicense	2,500
32213R	"Right-to-Copy" COBOL/3000 compiler with sublicense. (Note: "A" product has been discontinued since May 1982. "M" and "R" products will be supported until May, 1987.)	875
32213M	"Right-to-Copy" COBOL/3000 Compiler without sublicense. (Note: "A" product has been discontinued since May 1982. "M" and "R" products will be supported until May, 1987.)	875
32104A	RPG/3000 Compiler	3,000
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
32104R	"Right-to-Copy" 32104A with sublicense	1,500
300	BASIC/RPG/300 Return Credit	- 630
301	SL/300 Return Credit	- 840
32104M	"Right-to-Copy" 32104A without sublicense	1,500
32102B	FORTRAN/3000 Compiler	2,050
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,050
32102R	"Right-to-Copy" 32102B with sublicense	1,025
300	BASIC/RPG/300 Return Credit	- 630
301	SL/300 Return Credit	- 840
32102M	"Right-to-Copy" 32102B without sublicense	1,025
32111A	BASIC/3000 Interpreter and Compiler	2,050
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,050
32111R	"Right-to-Copy" 32111A with sublicense	1,025
300	BASIC/RPG/300 Return Credit	-840
301	SL/300 Return Credit	-630
32111M	"Right-to-Copy" 32111A without sublicense	1,025
32105R	"Right-to-Copy" APL/3000 compiler with sublicense. (Note: "A" product was discontinued Nov. 1, 1982; support for "M" and "R" copies ends Nov. 30, 1987.)	3,375

Product Number	Description	Price
32105M	"Right-to-Copy" APL/3000 compiler without sublicense. (Note: "A" product was discontinued Nov. 1, 1982; support for "M" and "R" copies ends Nov. 30, 1987.)	\$ 3,375
32106A	Pascal/3000 Compiler	5,000
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
32106R	"Right-to-Copy" 32106A with sublicense	2,500
300	BASIC/RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
32106M	"Right-to-Copy" 32106A without sublicense	2,500
32100A	SPL/3000 Compiler	2,725
301	SL/300 Return Credit	-2,100
300	BASIC/RPG/300 Return Credit	-1,575
32100R	"Right-to-Copy" 32100A with sublicense	1,375
300	BASIC/RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
32100M	"Right-to-Copy" 32100A without sublicense	1,375
DATA COMMUNICATIONS SOFTWARE -----		
30130E	DSN/RJE Remote Job Entry	1,350
300	31447A RJE/300 Credit	-525
30130R	"Right-to-Copy" 30130A with sublicense	675
300	31447R RJE/300 Credit	-105
30130M	"Right-to-Copy" 30130A without sublicense	675
32190A	DSN/DS Distributed Systems Software	5,000
300	31447A-RJE/300 Credit	-525
32190R	"Right-to-Copy" 32190A with sublicense	2,500
300	31447R-RJE/300 Credit	-105
32190M	"Right-to-Copy" 32190A without sublicense	2,500
32192A	DSN/MRJE Multileaving Remote Job Entry	2,520
300	31447A-RJE/300 Credit	-525
32192R	"Right-to-Copy" 32192A with sublicense	1,260
300	31447A-RJE/300 Credit	-105
32192M	"Right-to-Copy" 32192A without sublicense	1,260
32193A	DSN/MTS Multipoint Terminal Support	2,500
32193R	"Right-to-Copy" 32193A with sublicense	1,250
32193M	"Right-to-Copy" 32193A without sublicense	1,250

Domestic U.S.R. prices only and subject to change without notice.
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Product Number	Description	Price
32229A 300	DSN/IMF Interactive Mainframe Facility 31447A-RJE/300 Credit	\$ 7,000 -525
32229R 300	"Right-to-Copy" 32229A with sublicense 31447R-RJE/300 Credit	3,500 -105
32229M	"Right-to-Copy" 32229A without sublicense	3,500
PROGRAMMER PRODUCTIVITY TOOLS -----		
32244A	Dictionary/3000 Relational 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 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 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
32247M	"Right-to-Copy" 32247A without sublicense	3,000
32248A	Prog. Productivity Package (Report/3000, Dictionary/3000, Transact/3000)	13,000
32248R	"Right-to-Copy" 32248A with sublicense	6,500
32248M	"Right-to-Copy" 32248A without sublicense	6,500
32249A	RAPID/3000 Processor, Execute only for Transact/3000 and Report/3000 programs	3,500
32258A	HP Report Writer Package	13,000
32258R	"Right-to-Copy" 32258A with sublicense	6,500
32258M	"Right-to-Copy" 32258A without sublicense	6,500

Product Number	Description	Price
32350A	HPToolset Program Development System. Requires COBOL II/3000 (32233A)	\$ 5,000
32350R	"Right-to-Copy" 32350A with sublicense. Requires COBOL II/3000 (32233R)	2,500
32350M	"Right-to-Copy" 32350A without sublicense. Requires COBOL II/3000 (32233M)	2,500
OFFICE SYSTEMS SOFTWARE -----		
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
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
32250A	HP DSG/3000 Decision Support Graphics	6,300
32250R	"Right-to-Copy" 32250A with sublicense	4,410
32250M	"Right-to-Copy" 32250A without sublicense	4,410
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
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

Product Number	Description	Price
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
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	HP 2680 Graphics Package	6,000
36583R	"Right-to-Copy" 36583A with sublicense	4,200
36583M	"Right-to-Copy" 36583A without sublicense	4,200
36584A	HP Printer Support Package	10,000
36584R	"Right-to-Copy" 36584A with sublicense	7,000
36584M	"Right-to-Copy" 36584A without sublicense	7,000

MANUFACTURING SYSTEMS APPLICATIONS SOFTWARE -----

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

Product Number	Description	Price
32907A	Standard Product Costing/3000	\$ 4,000
32907R	"Right-to-Copy" 32907A with sublicense	2,800
32907M	"Right-to-Copy" 32907A without sublicense	2,800
32908A*	Factory Order Entry/3000	5,000
32908R*	"Right-to-Copy" 32908A with sublicense	3,500
32908M*	"Right-to-Copy" 32908A without sublicense	3,500
32917A*	Factory Order Entry/3000 for existing cust.	4,500
32917R*	"Right-to-Copy" 32917A with sublicense	3,150
32917M*	"Right-to-Copy" 32917A without sublicense	3,150
32909A*	Lot Control and Traceability/3000	20,000
32909R*	"Right-to-Copy" 32909A with sublicense	14,000
32909M*	"Right-to-Copy" 32909A without sublicense	14,000

* 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	24,500
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.

Product Number	Description	Price
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
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		
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	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	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
DISTRIBUTION SOFTWARE -----		
36401A	SFD/3000 System For Distributors. Requires concurrent purchase of SFD/3000 Implementation Assistance (35107A)	37,200
36401M	"Right-to-Copy" 36401A without sublicense	26,040
36415A	OM/3000 Order Management. Requires concurrent purchase of OM/3000 Implementation Assistance (35111A)	24,200
36415M	"Right-to-Copy" 36415A without sublicense	16,940

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Product Number	Description	Price
ADDITIONAL APPLICATIONS SOFTWARE -----		
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
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
HP 3000 TERMINAL KEYBOARD TEMPLATES -----		
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
HP 3000 OVERVIEW MANUALS -----		
30381A	HP 3000 User Manual Set	210.00
003	Series III Manuals	0
033	Series 3x Manuals	0
040	Series 39,40 Manuals	0
044	Series 44 Manuals	0
064	Series 64 Manuals	0
699	Deletes binders	-25.00
30093A	Programmer Manual Set	114.75
5953-0663	HP 3000 Specification Guide	2.37
5953-0662	HP 3000 General Information Manual	5.16

Product Number	Description	Price
5953-0587	MM/3000 General Information Manual	\$ 0
03000-90121	Using the HP 3000	10.00
30000-90135	Guide to a Successful Installation	7.00
30000-90171	Technical Writer's Survival Kit	2.50
HP 3000 HARDWARE MANUALS -----		
30000-60029	Site Preparation Manual Set (includes Site Planning and Preparation Guide (#30000-90206) and Site Planning Workbook (#30000-90207))	18.65
30000-90022	Machine Instruction Set	8.75
30000-90057	Instruction Decoding Pocket Guide	1.00
30070-90026	Machine Instruction Pocket Guide	3.00
30070-60068	Diagnostic Manual Set	110.00
MPE MANUALS -----		
30000-90009	MPE Commands	16.75
30000-90010	MPE Intrinsics	19.25
30000-90011	Segmenter	3.50
30000-90012	Debug/Stack Dump	5.60
30000-90014	System Manager/System Supervisor	17.20
30000-90015	Error Messages	18.50
30000-90044	System Utilities	4.50
30000-90045	Index to MPE	4.00
30000-90049	Software Pocket Guide	19.20
32002-90004	Console Operator's Guide	*
UTILITIES MANUALS -----		
03000-90064	FCOPY	6.00
30000-90028	Compiler Library	15.00
32104-90006	RPG Utilities	9.00
32214-90001	SORT	15.00

Product Number	Description	Price
INFORMATION MANAGEMENT MANUALS -----		
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	25.00
32245-90001	Using Report/3000	29.00
32246-90001	Using HP Inform/3000	22.00
32247-90001	Transact/3000 Reference Manual	28.00
32350-90001	HPToolset Reference Manual	40.00
LANGUAGES MANUALS -----		
03000-90025	BASIC/3000 for Beginners	7.00
03000-90050	BASIC/3000 Pocket Guide	2.00
30000-90024	SPL/3000	16.00
30000-90025	SPL Textbook	12.50
30000-90026	BASIC/3000 Interpreter	17.50
30000-90040	FORTRAN/3000	12.00
32102-90002	FORTRAN/3000 Pocket Guide	2.50
32103-90001	BASIC/3000 Compiler	5.00
32104-90001	RPG/3000	39.00
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	5.00

Product Number	Description	Price
32213-90001	COBOL/3000	\$ 18.00
32213-90003	Using COBOL/3000	13.00
32233-90001	COBOL II/3000	22.00
DATA COMMUNICATIONS MANUALS -----		
5955-1715	Guidebook to Data Communications	3.00
30000-90105	Data Communications Handbook	25.00
30000-90047	RJE/3000 Reference Manual	12.75
32190-90001	DS/3000 Reference Manual	35.00
32190-90005	DS/3000 to DS/1000 Reference Manual	8.00
32192-90001	MRJE/3000 Reference Manual	12.00
32193-90002	MTS/3000 Reference Manual	10.00
32229-90001	IMF/3000 Reference Manual	21.00
OFFICE SYSTEMS MANUALS -----		
32108-90001	HPDRAW Reference Guide	22.00
32109-90001	HPEASYCHART Reference Guide	28.00
32112-90001	HPMENU Admin. Manual	5.38
32112-90002	HPMENU Quick Reference Guide	.15
32120-90001	HPWORD Reference Guide	39.00
32120-90002	HPWORD Quick Reference Guide	9.00
32250-90001	HP DSG/3000	28.00
32250-90002	HP DSG/3000 Guide	6.00
36570-90001	HPDESKMANAGER Ref. Manual (Pack. of 10)	40.00
36570-90002	HPDESKMANAGER Reference Manual	34.00
36570-90004	HPDESKMANAGER Admin. Manual	34.00
36576-90001	HPSLATE Reference Guide	18.00
36576-90002	Using HPSLATE	16.00
36578-90001	TDP/3000 Reference Manual	28.00

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

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.

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

Product Number	Description	Price
FINANCIAL SYSTEMS MANUALS -----		
32304Z	HP Financial Accounting Manual Set	\$ 90.00
32304LZ	Australian HP Financial Acctg. Manual Set	90.00
32304UZ	United Kingdom HP Fin. Acctg. Manual Set	90.00
32285Y	General Ledger/3000 Source Reference Manual	500.00
32285Z	General Ledger/3000 Manual Set	30.00
32286Y	Accounts Payable/3000 Source Ref. Manual	500.00
32286Z	Accounts Payable/3000 Manual Set	30.00
32287Y	Accounts Receivable/3000 Source Ref. Manual	500.00
32287Z	Accounts Receivable/3000 Manual Set	30.00
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	45.00
32306-90001	HP Dual Ledger User Manual Set	55.00
32306-90002	HP Dual Ledger Sys. Ref. Manual Set	45.00
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	45.00
32309-90001	HP Accounts Receivable User Manual Set	55.00
32309-90002	HP Accounts Rec. Sys. Ref. Manual Set	45.00
32310-90001	HP Report Facility User Manual Set	50.00
32311-90001	HP Interface Facility User Manual Set	35.00

Product Number	Description	Price
ADDITIONAL APPLICATIONS MANUALS -----		
30000-90027	Scientific Library	\$ 6.65
32180-90001	APS/3000 Reference Manual	7.60
32180-90002	APS/3000 Pocket Card	3.50
32180-90003	APS/3000 Insert for MPE S/W Pocket Guide	3.50
32199-90001	Flexible Disccopy	6.00
32238-90001	OPT/3000 Reference Manual	14.88
32238-90002	OPT/3000 Pocket Guide	3.50
32900-90001	SIS/3000 Reference Manual	13.00
32900-90005	SIS/3000 Technical Manual	32.00
32901-90001	SAS/3000 Reference Manual	15.50
32901-90005	SAS/3000 Technical Manual	9.75
32902-90005	CIS/3000 Technical Manual	10.50
CONVERSION MANUALS -----		
32104-90004	System/3 to HP 3000 Conversion	10.75
32233-90005	COBOL/3000 to COBOL II/3000 Conversion	3.95

Product Number Description Price SMMC

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
FOS/3000				
Series 30	32430T \$400	32430V \$ 70	32430S \$ 10	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	
Series 39	32514T 350	32514V 70	32514S 110	32514Q 40
	022 50	022 70	022 50	
	051 0	051 20	051 0	
Series 40	32445T 350	32445V 70	32445S 110	32445Q 40
	022 50	022 70	022 50	
	051 0	051 20	051 0	
Series 40SX	32446T 350	32446V 70	32446S 110	32446Q 40
	022 50	022 70	022 50	
	051 0	051 20	051 0	
Series 44	32440T 500	32440V 100	32440S 135	32440Q 40
	022 50	022 70	022 50	
	051 0	051 20	051 0	
Series 64	32460T 650	32460V 145	32460S 175	32460Q 40
	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

Product Number Description Price SMMC

Customer Support Service Additional Site Service Software Subscription Service Manual Update Service

Languages

COBOL/3000	32213T \$100	32213V \$ 25	32213S \$ 30	32213Q \$ 4
COBOL II/3000	32233T 100	32233V 25	32233S 30	32233Q 5
	068 50	068 25		
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

Communications

DSN/DS	32190T 125	32190V 35	32190S 40	32190Q 4
DSN/RJE	30130T 60	30130V 15	30130S 15	30130Q 2
DSN/MRJE	32192T 75	32192V 15	32192S 20	32192Q 2
DSN/MTS	32193T 75	32193V 15	32193S 15	32193Q 2
DSN/IMF	32229T 125	32229V 35	32229S 40	32229Q 2

Programmer Productivity Tools

Dict./3000	32244T 45	32244V 10	32244S 15	32244Q 3
Report/3000	32245T 45	32245V 10	32245S 15	32245Q 3
HP Inform/3000	32246T 35	32246V 10	32246S 15	32246Q 3
Trans./3000	32247T 55	32247V 10	32247S 15	32247Q 3
Prog.Prod. Package	32248T 145	32248V 30	32248S 45	32248Q 9
RAPID Proc.	32249T 25	32249V 10	32249S 15	
HPToolset	32350T 95	32350V 20	32350S 25	32250Q 3

Office Systems

HPDRAW	32108T 65	32108V 15	32108S 20	32108Q 3
HPEASYCHART	32109T 40	32109V 10	32109S 15	32109Q 3
HPMENU	32112T 15	32112V 5	32112S 10	32112Q 3
HPWORD	32120T 95	32120V 20	32120S 25	32120Q 3
German	32120DT 95	32120DV 20	32120DS 25	32120DQ 3
HPWORD				
DSG/3000	32250T 65	32250V 30	32250S 30	32250Q 3
HPDESKMGR.	36570T 80	36570V 30	36570S 30	36570Q 5
German	36570DT 80	36570DV 30	36570DS 30	36570DQ 5
HPDESKMGR.				
HPSLATE	36576T 45	36576V 10	36576S 15	36576Q 3
German	36576DT 45	36576DV 10	36576DS 15	36576DQ 3
HPSLATE				
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	36583T 35	36583V 15	36583S 15	36583Q 3

Graphics

Product Number Description Price SMMC

Product Customer Support Service Additional Site Service Software Subscription Service Manual Update Service

Manufacturing

MM/3000									
Model 10	32904T	\$ 55	32904V	\$ 10	32904S	\$ 25	32904Q	\$ 5	
Model 20	32903T	190	32903V	30	32903S	45	32903Q	5	
Model 25	32260T	150	32260V	80	32260S	100	32260Q	15	
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	210	32911V	30	32911S	50	32911Q	5	
Model 30	32270T	150	32270V	80	32270S	100	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	

Source Code Support:

Base CSS	32295T	40							
(Requires 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			
HPFA 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	

Product Number Description Price SMMC

Product Customer Support Service Additional Site Service Software Subscription Service Manual Update Service

Financial Applications (Cont.)

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	

Financial Applications User Exits

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

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		
Disccopy								
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

HP 3000 SOFTWARE NOTIFICATION SERVICE -----

32499A	HP 3000 Software Notification Service	25/month
35059A	HP 3000 Appl. Software Notification Service	15/month

Product Number	Description	Price
TRAINING -----		
22801B	HP 3000--A Programmer's Introduction	\$ 725
22801X	HP 3000--A Programmer's Introduction/On-site	7,250
22802C	HP 3000 System Management and Operation	800
22802X	HP 3000 System Management and Oper./On-site	7,700
22804A	HP 3000 SPL File System Introduction	925
22804X	HP 3000 SPL File System Introduction/On-site	7,400
22805A	HP 3000 MPE Special Capabilities	925
22805X	HP 3000 MPE Special Capabilities/On-site	7,400
22807B	HP 3000 System Operator at HP Training Center	640
22807X	HP 3000 System Operator at Customer Site	6,400
22808A	HP 3000 Application Design	740
22808X	HP 3000 Application Design/On-site	6,700
22809B	HP OPT/3000 System Performance	1,680
22811A	HPWORD/3000 Customer Office Systems	720
22811X	HPWORD/3000 Customer Office Systems/On-site	5,800
22830B	HP VPLUS/3000	725
22830X	HP VPLUS/3000/On-site	7,250
22834A	DSG/3000 Programmatic Use	555
22834X	DSG/3000 Programmatic Use/On-site	5,800
22838X	HP IDS/3000 and IFS/3000/On-site	8,400
32261B	Using Materials Mgmt/3000 at HP Tech. Center	500
101	MPS Module	200
102	MRP Module	100
103	LCT Module	225
104	FOE Module	100
105	SPC Module	100
32261X	Using Materials Management/3000/On-site	4,250
101	MPS Module/On-site	1,700
102	MRP Module/On-site	850
103	LCT Module/On-site	1,900
104	FOE Module/On-site	850
105	SPC Module/On-site	850

Product Number	Description	Price
32271B	Using Production Mgmt/3000 at HP Tech. Center	\$ 700
101	CRP Module	100
32271X	Using Production Management/3000/On-site	5,950
101	CRP Module/On-site	850
32272B	HP Manufacturing Systems Customization and Operation at HP Technical Center	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	320
32288X	General Ledger/3000 Training/On-site	3,200
32289A	Accounts Payable/3000 Training	320
32289X	Accounts Payable/3000 Training/On-site	3,200
32290A	Accounts Receivable/3000 Training	160
32290X	Accounts Receivable/3000 Training/On-site	1,600
32303A	HP Interface Facility Training	320
32303X	HP Interface Facility Training/On-site	3,200
32304A	HP Financial Accounting Customization and Operation Training	480
32304X	HP Financial Accounting Customization and Operation Training/On-site	4,350
32313A	HP General Ledger Training	320
32313X	HP General Ledger Training/On-site	3,200
32314A	HP Accounts Payable Training	320
32314X	HP Accounts Payable Training/On-site	3,200
32315A	HP Accounts Receivable Training	220
32315X	HP Accounts Receivable Training/On-site	2,200
32316A	HP Report Facility Training	320
32316X	HP Report Facility Training/On-site	3,200
32317A	HP Allocator Training	320
32317X	HP Allocator Training/On-site	3,200

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Product Number	Description	Price
32318X	HP Dual Ledger Training/On-site	\$ 1,600
35013B	Dictionary/Inform/Report Training	480
35013X	Dictionary/Inform/Report Training/On-site	4,800
35014A	Transact/3000 Training	800
35014X	Transact/3000 Training/On-site	8,000
35022A	HP 3000/4X Training Prog. for Serv. Pers.	4,500
35027A	Implementation Team Training for MM/3000	*
35040A 001	HP3000 System Performance Evaluation Additional Complexity	3,100 335
35051A	Introduction to Data Comm. Course	925
35051X	Introduction to Data Comm. Course/On-site	7,000
35053A	IMAGE/3000 Database Mgmt. Course	725
35053X	IMAGE/3000 Database Mgmt. Course/On-site	7,250
35108A	SFD and OM Management Seminar	400
35109A	SFD/3000 Introduction Class	1,000
35110A	SFD/3000 Advanced Class	1,000
35112A	OM/3000 Users Class	1,000
36579A	Text and Document Processor/3000	320
36579K	Text and Document Processor/3000/On-site	3,200
36900E	Distributed Systems/3000	5,400

NOTE: "X" suffix in product number denotes on-site class. Fee for on-site classes includes up to 10 students. Additional students (up to the maximum permissible) can be accommodated at a charge of \$100.00/student. Hewlett-Packard reserves the right to cancel class upon three-weeks notice.

* Contact Division for price information.

Product Number	Description	Price
SELF-PACED TRAINING -----		
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
22840A	Using HPDRAW	300
22842A 022	Programming in Transact/3000 7908/11/12 Compatible Cartridge Tape	750 0
22843A 022	Using Dictionary/3000 7908/11/12 Compatible Cartridge Tape	500 0
35023A	HP 262X Maintenance	250
CONSULTING -----		
32240X	IMF/3000 Training/Consulting Package	3,800
35021A	SE Assistance for Business Computers/T&M	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
35033A	SE Off-Hours Emergency Assistance	700
35034A	Sys. Specialist Assis. for Bus. Comp./1 Day	900
35035A	Sys. Specialist Assis. for Bus. Comp./T&M	115
35039A 001	HP 3000 Installation Mgmt. Consulting (1 day) One additional day	900 750
35044A	Off Hours S/W Update Installation (Customers Only)	200
35045A 001	Pre-Installation Production Assistance Machine Time	750 1,000
35054A	Application Eng. Consulting for PL79 (Locally Acquired Software)/1 Day	750

Product Number	Description	Price
35054C	Application Eng. Consulting for PL60 (Financial Management Software)/1 Day	\$ 750
35054D	Application Eng. Consulting for PL85 (Office Systems Software)/1 Day	750
35054N	Application System Engineering Assist./1 Day	750
35055A	Application Eng. Consulting for PL79 (Locally Acquired Software)/T&M	100
001	Off-hours rate	27
35055C	Application Eng. Consulting for PL60 (Financial Management Software)/T&M	100
001	Off-hours rate	27
35055D	Application Eng. Consulting for PL85 (Office Systems Software)/T&M	100
001	Off-hours rate	27
35055N	Application System Engineering Assist./T&M	100
001	Off-hours rate	27
35057A	Application Spec. Consulting for PL79 (Locally Acquired Software)/1 Day	900
35057C	Application Spec. Consulting for PL60 (Financial Management Software)/1 Day	900
35057D	Application Spec. Consulting for PL85 (Office Systems Software)/1 Day	900
35057N	Application Specialist Assistance/1 Day	900
35058A	Application Spec. Consulting for PL79 (Locally Acquired Software)/T&M	115
001	Off-hours rate	25
35058C	Application Spec. Consulting for PL60 (Financial Management Software)/T&M	115
001	Off-hours rate	25
35058D	Application Spec. Consulting for PL85 (Office Systems Software)/T&M	115
001	Off-hours rate	25
35058N	Application Specialist Assistance/T&M	115
001	Off-hours rate	25
35107A	SFD/3000 Implementation Assistance. Required for purchase of SFD/3000 System for Distributors (36401A).	34,800
35111A	OM/3000 Implementation Assistance. Required for purchase of OM/3000 Order Management (36415A).	20,800

Product Number	Description	Price	SMMC
SERIES IIIIR UPGRADE PRODUCTS -----			
32435BR	Series IIIIR (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 40 UPGRADE PRODUCTS -----			
32445AH	Upgrade to the Series 40 (32445A) w/512 Kb	29,400	224
	M01: Remote Support Service Credit	0	-65
015	220-240V/50 Hz operation	0	0
022	Software on magnetic tape cartridge	0	0
507	Expands Memory to 1024 Kb	8,200	16
601	Upgrade from pre-Series II 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 44 UPGRADE PRODUCTS -----			
32440BH	Upgrade to Series 44B (32440B) w/1 Mb	60,700	288
	M01: Remote Support Service Credit	0	-65
015	220-240V operation	0	0
601	Upgrade from pre-Series II 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 64 UPGRADE PRODUCTS -----			
32460BH	Upgrade to Series 64 (32460B) w/2 Mb	162,300	693
	M01: Remote Support Service Credit	0	-75
015	380V/50 Hz operation	0	0
016	415V/50 Hz three phase operation	0	0
601	Upgrade from pre-Series II w/128 Kb	-2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0

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

Product Number	Description	Price	SMMC
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

HP 300 TO HP 3000 UPGRADES -----

30074B	HP 300 to Series 44 (W/1 Mb) Upgrade	68,600	301
015	200-240V/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 31203A 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	200-240V/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 312203 128 Kb Memory Module	-1,200	N/A
670	Return credit for 31030A HP 300 Workstation	-4,900	N/A
31282AN	Return credit for 31282A Bisync Communication Processor	-1,125	N/A

MEMORY UPGRADE PRODUCTS -----

30008AN	Return Credit for additional 64 Kb of Series II memory	-500	N/A
30092AN	Return Credit for additional 512 Kb of Series 39,4x memory	-6,000	N/A

Product Number	Description	Price	SMMC
30161AN	Return Credit for additional 1 Mb of Series 39,4x memory	\$-11,200	\$N/A
30171AN	Return Credit for additional 256 Kb of Series 39,40 memory	-3,000	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	-7,800	N/A
7925SN	Return Credit for 7925S or A disc drive	-6,000	N/A
7970BN	Return Credit for 7970B tape drive	-1,000	N/A
7970EN	Return Credit for 7970E tape drive	-3,000	N/A
12745A	Master Disc Drive Interface Upgrade	1,155	4
13037U	Upgrade of Master Disc with Controller in SPU	5,100	40
015	220V/50 Hz single phase operation	0	0
102	HP-IB Interface	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	685	0
344	Cable set for Series 44	685	0
364	Cable set for Series 64	685	0

Note: Contact Boise for cables required in moving 2613/17/19 between HP-IB systems.

Product Number	Description	Price	SMMC
26072A	Master Magnetic Tape Drive HP-IB Conversion Kit (10-boy cabinet)	\$ 3,665	\$ 39
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 39/40/44/64 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

I/O EXPANSION PRODUCTS -----

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 Cable Set	0	0
044	Series 44 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 Cable Set	0	0
044	Series 44 Cable Set	0	0
064	Series 64 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

Product Number	Description	Price	SMMC
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

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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
Fundamental Operating Software 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
Fundamental Operating Software (FOS)-MPE, EDIT, FCOPY, SPL Compiler Library	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.
Data Entry Data Management		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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