

Peripheral, Interface and Accessory Support

Series

500

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This document summarizes the compatibility of the optional products available for the Series 500. It supercedes the information in Section 4 of the May 1985 **HP 9000 Series 500 Configuration Information and Order Guide**, (HP part no. 09050-90050). A vertical bar in the margin (example at right) indicates recent changes and additions.

To be supported, a device must be *qualified* on the computer model being considered *and* have *software support* on the operating system being considered. This means the device must appear in the appropriate column under "Hardware Support" and "Earliest Operating System Version".

For software support, the tables show the earliest version of the supporting system. All later versions of the system also support the device.

The status of peripherals not listed as supported may change between printings of this guide. Contact your HP Sales Representative for the most recent peripheral support information.

Software Compatibility

The compatibility of software (operating systems, utility and applications) with computer mainframes is covered in Section 1 of the **Configuration Guide**.

Regulatory Information

A "Y" under "Hardware Support" means that the peripheral complies with at least FCC Class A and at least VDE/FTZ Level A in a system configuration. These classifications refer to the electromagnetic interference (EMI/RFI) properties of the system. It also means that a diagnostic or exerciser program exists for that mainframe and HP offers on-site service of the system.

A *number* in a software support column indicates the earliest version of the operating system for which device-supporting software exists and in which the peripheral has been tested.

A "P" means that testing was in progress at time of publication. Contact your HP Sales Representative for current information. "I" indicates "under investigation".

An "N" indicates that the peripheral is not supported by the mainframe or operating system shown in that column. "N" in a hardware column indicates that the device either has no interface or is known to fail regulatory tests in a system configuration. "N" in a software column indicates that the device either has no supporting software or cannot perform all functions required for support.

A "U" indicates that the device is untested and no testing is planned. "U" devices are unsupported.

An "NA" indicates "not applicable".

500 Mass-Storage Device Compatibility

This table includes disc, disc/tape and magnetic tape drives. The "Min. Boot ROM" column shows the earliest ROM capable of loading an operating system from the device.

Product	Description	Hardware Support					Earliest Operating System Version	
		Min. Boot ROM	5 2 0	5 5 3 4 0 0	Min. Boot ROM	5 5 5 6 0 0	BASIC	HP-UX
35401A	536 Mbyte tape autochanger	B	Y	Y	4.0	Y	U	5.0 ¹²
7905°/06	15/20 Mbyte MAC/ICD discs	NA	N	N	NA	N	N	N
7907A	20.5/20.5 Mbyte CS/80 ctg. disc	B	Y	Y	4.0	Y	2.0	5.0 ^{2,10}
7908P° Opt. 140	16.5 Mbyte CS/80 disc/ctg. tape ¹¹ delete cartridge tape drive	A	Y	Y	4.0	Y	1.0	2.0 ²
		A	Y	Y	4.0	Y	1.0	2.0 ²
7911P/R° Opt. 001 Opt. 140	28.1 Mbyte CS/80 disc/ctg. tape ¹¹ separate ctg. tape controller delete cartridge tape drive	A	Y	Y	4.0	Y	1.0	2.0
		A	Y	Y	4.0	Y	1.0	2.0
		A	Y	Y	4.0	Y	1.0	2.0
7912P/R° Opt. 001 Opt. 140	65.6 Mbyte CS/80 disc/ctg. tape ¹¹ separate ctg. tape controller delete cartridge tape drive	A	Y	Y	4.0	Y	1.0	2.0
		A	Y	Y	4.0	Y	1.0	2.0
		A	Y	Y	4.0	Y	1.0	2.0
7914CT Opt. 140	Disc/Ctg. (7914R Opt. 140 + 9144A ¹¹) delete cartridge tape drive	B	Y	Y	4.0	Y	2.0	4.0
		A	Y	Y	4.0	Y	1.0	2.0
7914P/R Opt. 001 Opt. 140	132 Mbyte CS/80 disc/ctg. tape ¹¹ separate ctg. tape controller delete cartridge tape drive	A	Y	Y	4.0	Y	1.0	2.0
		A	Y	Y	4.0	Y	1.0	2.0
		A	Y	Y	4.0	Y	1.0	2.0
7914ST Opt. 002 Opt. 114 Opt. 240 Opt. 800	Disc/tape (7914R Opt. 140 + 7974A) add ctg. tape ¹¹ w/sep. controller add second 7914R Opt. 140 disc add ctg. tape (single controller) add 800 cpi NRZI to 7974A	A ¹	Y	Y	4.0	Y	2.0	4.0
		A ¹	Y	Y	4.0	Y	2.0	4.0
		A ¹	Y	Y	4.0	Y	2.0	4.0
		A ¹	Y	Y	4.0	Y	2.0	4.0
		A ¹	Y	Y	4.0	Y	2.0 ⁷	4.0
7914TD° Opt. 002 Opt. 114 Opt. 240	Disc/tape (7914R Opt. 140 + 7971A) add ctg. tape ¹¹ w/sep. controller add second 7914R Opt. 140 disc add ctg. tape (single controller)	A ¹	Y	Y	4.0	Y	1.02	2.0
		A ¹	Y	Y	4.0	Y	1.02	2.0
		A ¹	Y	Y	4.0	Y	1.02	2.0
		A ¹	Y	Y	4.0	Y	1.02	2.0
7920/25°	50/120 Mbyte MAC/ICD discs	NA	N	N	NA	N	N	N
7933H	404 Mbyte CS/80 fixed disc	A	Y	Y	4.0	Y	1.0	2.0
7935H	404 Mbyte CS/80 rem. disc	A	Y	Y	4.0	Y	1.0	2.0
7936H	307 Mbyte CS/80 fixed disc	B	Y	Y	4.0	Y	2.0	5.0
7937H	571 Mbyte CS/80 fixed disc	B	Y	Y	4.0	Y	2.0	5.0
7936/37FL	7936/37H plus cache	U	U	U	U	U	U	U
7936/37XP	7936/37 HP-FL	U	U	U	U	U	U	U
7941A°	23.8 Mbyte CS/80 disc	B ⁴	Y	Y	4.0	Y	2.0	3.0
7945A°	55.5 Mbyte CS/80 disc	B ⁴	Y	Y	4.0	Y	2.0	3.0
7942A°	7941A and 9144A ¹¹ packaged disc	B ⁴	Y	Y	4.0	Y	2.0	4.0
7946A°	7945A and 9144A ¹¹ packaged disc	B ⁴	Y	Y	4.0	Y	2.0	4.0
7957A	81 Mbyte CS/80 disc	B	Y	Y	4.0	Y	2.0	5.0
7957B	81 Mbyte CS/80 disc	B	Y	Y	4.0	U	U	5.1
7958A	131 Mbyte CS/80 disc	B	Y	Y	4.0	Y	2.0	5.0
7958B	152 Mbyte CS/80 disc	B	Y	Y	4.0	U	U	5.1
7959B	304 Mbyte CS/80 disc	B	Y	Y	4.0	U	2.0	5.1
7962B	152 Mbyte CS/80 disc	B	Y	Y	4.0	U	U	5.1
7963B	304 Mbyte CS/80 disc	B	Y	Y	4.0	U	2.0	5.1
97963B	add-on 304 Mbyte disc mech	B	U	U	4.0	U	2.0	5.1

500 Mass-Storage, continued...

Product	Description	Hardware Support						Earliest Operating System Version	
		Min. Boot ROM	5 2 0	5 5 3 4 0 0	Min. Boot ROM	5 5 5 6 0 0		BASIC	HP-UX
7970°	9-track magnetic tape drives	NA	N ³	N ³	NA	N ³		N ³	N ³
7971A°	1600 cpi PE 9-track tape drive	NA	N	N	NA	N		N	N
Opt. 140	single HP-IB master	B ^{4,5}	Y	Y	4.0	Y		1.02	2.0 ¹³
7974A°	1600 cpi PE 9-track tape drive	B ^{4,5}	Y	Y	4.0 ^{4,5}	Y		2.0	4.0
Opt. 800	adds 800 cpi NRZI	B ^{4,5}	Y	Y	4.0 ^{4,5}	Y		2.0 ⁷	4.0
7976A°	6250/1600 cpi tape drives	NA	N	N	NA	N		N	N
7978°A/B	6250/1600 cpi 9-track tape drive	B ^{4,5}	Y	Y	4.0 ^{4,5}	Y		2.0 ⁷	4.0
7979A	1600 cpi PE 9-track tape drive	B ^{4,5}	U	U	4.0 ^{4,5}	U		U	5.3
Opt. 800	adds 800 cpi NRZI	U	U	U	U	U		U	5.3
7980A	6250/1600 cpi 9-track tape drive	B ^{4,5}	U	U	4.0 ^{4,5}	U		U	5.3
Opt. 800	adds 800 cpi NRZI	U	U	U	U	U		U	5.3
7980XC	6250 data comp.	U	U	U	U	U		U	5.3
82901M/S°	270 kbyte 5¼-in. flex. discs	NA	Y	Y	NA	Y		1.0	2.0 ²
82902M/S°	270 kbyte 5¼-in. flex. discs	NA	Y	Y	NA	Y		1.0	2.0 ²
9121D/S°	270 kbyte 3½-in. flex. discs	NA	U	U	NA	U		U	U
9122C	1.4 Mbyte 3½-in. flex disc	U	U	U	U	U		U	U
9122D/S	630 ⁹ kbyte 3½-in. flex. discs	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ⁶
9123D	HP 150-II dedicated 9122D	NA	N	N	NA	N		N	N
9125S°	270 ⁹ kb/IBM 5¼-in. flex. disc	B ⁸	Y	Y	4.0	Y		2.0	4.0 ⁶
9127A	270 ⁹ kb/IBM 5¼-in. flex. disc	B ⁸	Y	Y	4.0	Y		U	U
9130G/K	Internal 270 kb 5¼-in. flex. disc	A	Y	NA	NA	NA		1.0	2.0 ²
9133A/B°	9134A/B and 9121S packaged disc	NA	Y	Y	NA	N		N	N
9133D°	9134D and 9122S packaged disc	B	Y	Y	4.0	Y		2.0	U
Opt. 001	1024 byte sector size	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ^{2,6}
9133H°	9134H and 9122S packaged disc	B	Y	Y	4.0	Y		2.0	U
Opt. 001	1024 byte sector size	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ^{2,6}
9133L°	9134L and 9122S packaged disc	B	Y	Y	4.0	Y		2.0	U
Opt. 001	1024 byte sector size	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ^{2,6}
9133V/XV°	9134XV and 9121S packaged disc	NA	N	N	NA	N		N	N
9134A°	4.6 Mbyte winch. disc (not CS/80)	NA	Y	Y	NA	N		N	N
9134D°	15 Mbyte SS/80 winch. disc	B	Y	Y	4.0	Y		2.0	U
Opt. 001	1024 byte sector size	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ²
9134H°	20 Mbyte SS/80 winch. disc	B	Y	Y	4.0	Y		2.0	U
Opt. 001	1024 byte sector size	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ²
9134L°	40 Mbyte SS/80 winch. discs	B	Y	Y	4.0	Y		2.0	U
Opt. 001	1024 byte sector size	B	Y	Y	4.0	Y		2.0 ⁹	4.0 ²
9134XV°	14.5 Mbyte winch. disc (not CS/80)	NA	N	N	NA	N		N	N
9135A°	9134A and 82902M packaged disc	NA	Y	Y	NA	N		N	N
9142A°	¼-in. cartridge tape drive	NA	N	N	N	N		N	N
9144A ¹¹	¼-in. cartridge tape drive	B ⁴	Y	Y	4.0	Y		2.0	4.0
9145A	¼-in. 134 Mb ctg. tape drive	U	U	U	U	U		U	U

500 Mass-Storage, continued...

Product	Description	Hardware Support					Earliest Operating System Version	
		Min. Boot ROM	5 2 0	5 5 3 4 0 0	Min. Boot ROM	5 5 6 0 0	BASIC	HP-UX
9153A	9154A and 9122S packaged disc	B	Y	Y	4.0	U	2.0	U
9153B	9154B and 9122S packaged disc	B	Y	Y	4.0	U	2.0	U
9154A	10 Mbyte SS/80 winchester disc	B	Y	Y	4.0	U	2.0	U
9154B	20 Mbyte SS/80 winchester disc	B	Y	Y	4.0	U	2.0	U
9153C	Modular SS/80 winchester disc	U	U	U	U	U	U	U
Opt. 010	10 Mbyte	U	U	U	U	U	U	U
Opt. 011	10 Mbyte, w/o flexible	U	U	U	U	U	U	U
Opt. 020	20 Mbyte	U	U	U	U	U	U	U
Opt. 021	20 Mbyte, w/o flexible	U	U	U	U	U	U	U
Opt. 040	40 Mbyte	U	U	U	U	U	U	U
Opt. 041	40 Mbyte, w/o flexible	U	U	U	U	U	U	U
9153M	20 Mbyte add-on disc	U	U	U	U	U	U	U
9262B	152 Mbyte CS/80 disc	B	U	U	4.0	U	U	5.1
9263B	304 Mbyte CS/80 disc	B	U	U	4.0	U	2.0	5.1
97093A	Internal 10/20 Mbyte CS/80 disc	A	Y	NA	NA	NA	1.0	2.0 ²
9885M/S ^o	512 Kbyte 8-in. flexible disc	NA	Y	Y	NA	U	1.0	2.0 ²
9895A ^o	Dual 1.2 Mbyte 8-in. flexible disc	NA	Y	Y	NA	Y	1.0	2.0 ²
Opt. 010	single 1.2 Mbyte master drive	NA	Y	Y	NA	Y	1.0	2.0 ²
Opt. 011	single slave drive	NA	Y	Y	NA	Y	1.0	2.0 ²
Opt. 012	dual slave drive	NA	Y	Y	NA	Y	1.0	2.0 ²

^o Discontinued product listed for reference.

1 Boot ROM A supports only the 7914R disc. The 7971A/74A tape drive requires revision B/4.0 (but see also note 5).

2 Disc drives smaller than 22 Mbytes do not meet the minimum requirement for a "system disc" in HP-UX. They may be used as secondary "mounted volumes" or LIF utility volumes only.

3 For Series 500 support, a 7970E tape drive must have a current revision HP-IB controller (consult an HP CE) and be installed in a 26078A cabinet.

4 The Revision B/4.0 boot ROM is not required if the device is not used as root or for install.

5 Although supported for boot, no bootable software is presently supplied on 1/2-in. tape.

6 Media formatting on the flexible disc drive is limited to double-sided with 256-byte sector size. File system support limited to HP directory types. The 9125S currently requires a dedicated HP-IB interface.

7 BASIC supports only the 1600 cpi mode on the 7974A and 7978.

8 Booting of multiple volumes (e.g. BASIC) is not supported.

9 BASIC and HP-UX presently format for 256 byte sector size (630 k) only on these discs. HP-UX can create and access an SDF or LIF directory on a disc already formatted on another system for 1024 byte sectors (788 k). BASIC does not support 1024-byte/sector LIF discs.

10 The RUN/STOP switch is not acknowledged if either platter is mounted in the HP-UX file system. If either platter is the root disc (always mounted), the system must be stopped to spin down the drive.

11 Series 500 BASIC supports only SDF formatted cartridge tapes on 9144 and 88140 drives.

12 The CS/80 driver and *rcio* support only **sequential** mode at this time.

13 Multiple-tape *cpio* backups not supported.

500 Terminal and Display Compatibility

The "Min. Boot ROM" column refers to the computer's ability to display power-up messages on the display of the peripheral.

Product	Description	Hardware Support					Earliest Operating System Version	
		Min. Boot ROM	5 2 0	5 5 3 4 0 0	Min. Boot ROM	5 5 6 0 0	BASIC	HP-UX
C1001A/G/W	Model 700/92 alpha terminal	A	U	U	4.0	U	N	U
C1002A/G/W	Model 700/94 alpha terminal	A	U	U	4.0	U	N	U
C1003A/G/W	Model 700/41 alpha terminal	N	U	U	N	U	N	U
C1004A/G/W	Model 700/22 alpha terminal	N	U	U	N	U	N	U
2382A°	Alphanumeric terminal	A	U	U	4.0	Y	N	2.0
2392A	Alphanumeric terminal	A	Y	Y	4.0	Y	N	2.0
2393A	Graphics terminal	A	Y	Y	4.0	Y	N	4.0
2394A	Data entry terminal	U	U	U	U	U	N	U
2397A	Color terminal	A	Y	Y	4.0	Y	N	4.0
2621A/B/P°	Alphanumeric terminal	NA	U	U	NA	U	N	2.0
2622A°	Alphanumeric terminal	A	Y	Y	4.0	Y	N	2.0
2623A°	Graphics terminal	A	Y	Y	4.0	Y	N	2.0
2624B°	Data entry station	A	Y	Y	4.0	U	N	2.0
2625A°	Graphics/IBM3270 terminal	A	U	U	4.0	U	N	4.0
2626A°	Display station	A	Y	Y	4.0	U	N	2.0 ¹
2627A°	Color graphics terminal	A	Y	Y	4.0	Y	N	2.0
2628A°	Graphics/HPWORD terminal	A	U	U	4.0	U	N	4.0
2640-47A°	Terminals	NA	N	N	NA	N	N	N
2647F°	Graphics terminal	A	Y	Y	NA	U	N	2.0
2648/49°	Terminals	NA	N	N	NA	N	N	N
2703A°	Color graphics terminal	A	Y	Y	NA	U	N	2.0
3070-90	Data-capture terminals	NA	N	N	NA	N	N	N
3082A	Industrial 2392-compatible	U	U	U	U	U	U	
45610A/B°	HP 150 (as 2623A emulator)	A	Y	Y	4.0	Y	N	2.0
45710A°	<i>The Portable</i> (as terminal emulator)	A	Y	Y	4.0	Y	N	2.0
45711A	<i>Portable Plus</i> (as terminal emulator)	A	Y	Y	4.0	Y	N	2.0
724x5A	<i>Vectra</i> PC (as 2622A emulator)	NA	Y	Y	4.0	Y	N	4.0
9666A	Ruggedized 2397A	A	Y	Y	4.0	Y	N	4.0
97056A	BASIC terminal emulator	NA	Y	Y	NA	Y	N	2.0
9807A	<i>Integral</i> PC (as 2622A emulator)	NA	Y	Y	NA	Y	N	2.0
98700A/H	Graphics Display Station	NA	N	N	4.1	Y	NA	5.0
46020A-AZ°	HP-HIL Keyboards	NA	N	N	4.1	Y	NA	5.0
46021A-AZ	HP-HIL Keyboards	NA	N	N	4.1	Y	NA	5.0
46080A	HP-HIL 2.4m Extension	NA	N	N	4.1	Y	NA	5.0
46081A	HP-HIL 2.4m audio Extension	NA	N	N	4.1	Y	NA	5.0
46082A/B	HP-HIL 15/30m audio/RGB Ext.	NA	N	N	4.1	Y	NA	5.0
46084A	HP-HIL ID Module	NA	N	N	NA	N	NA	U
98760A	9020A Standard color CRT display	A	Y	NA	NA	NA	1.02	2.0
98770B	9020C High-perf. color CRT display	A	Y	NA	NA	NA	1.0	2.0
98780B	9020B Monochromatic CRT display	A	Y	NA	NA	NA	1.0	2.0
98790A°	Series 200 2622A terminal emulator	NA	Y	Y	NA	Y	N	2.0
98791B	Series 200 2392A terminal emulator	NA	Y	Y	NA	Y	N	2.0

° Discontinued product listed for reference.

¹ The 2626A is not recommended for use with the vi screen editor due to poor scrolling performance.

500 Printer Compatibility

This table refers only to the simple print-and-space text capability of the printer. Refer to the Graphics Device Compatibility table (next) for information on support of raster printing.

Product	Description	Hardware Support						Earliest Operating System Version	
		5	5	5	5	5	5	BASIC	HP-UX
		2	3	4	5	6	6		
		0	0	0	0	0	0		
C1200A	Asian System Printer	U	U		U			U	U
2225A	150 cps dot-matrix <i>ThinkJet</i>	Y	Y		Y			1.02	4.0
2225B	HP-IL version	U	U		U			U	U
2225C	Centronics version	N	N		N			N	N
2225D	RS-232C version	U	U		U			U	U
2227A	<i>QuietJet Plus</i> (RS-232)	U	U		Y			U	U
2227B	<i>QuietJet Plus</i> (HP-IB)	U	U		U			U	U
2228A	<i>QuietJet</i>	U	U		Y			U	U
2235B/D	<i>RuggedWriter</i> , HP-IB	U	U		U			U	U
2276A	<i>DeskJet</i> , RS-232C	Y	Y		U			U	U
2563A/B	300 lpm dot-matrix impact								
Opt. 049	Rs-232C interface	U	U		U			U	U
Opt. 200	Non-CIPER HP-IB interface	Y	Y		Y			1.02	2.0
Opt. 290	Series 500 HP-IB CIPER interface	Y	Y		Y			1.02	2.0
2564B	600 lpm dot-matrix impact								
Opt. 049	Rs-232C interface	U	U		U			U	U
Opt. 200	Non-CIPER HP-IB interface	Y	Y		P			U	2.0
Opt. 290	Series 500 HP-IB CIPER interface	Y	Y		P			U	2.0
2565A°	600 lpm dot-matrix impact								
Opt. 049	Rs-232C interface	U	U		U			U	U
Opt. 200	Non-CIPER HP-IB interface	Y	Y		Y			1.02	2.0
Opt. 290	Series 500 HP-IB CIPER interface	Y	Y		Y			2.0	4.0
2566A/B	900 lpm dot-matrix impact								
Opt. 049	Rs-232C interface	U	U		U			U	U
Opt. 200	Non-CIPER HP-IB interface	Y	Y		Y			1.02	2.0
Opt. 290	Series 500 HP-IB CIPER interface	Y	Y		Y			2.0	4.0
2567B	1200 lpm dot-matrix impact								
Opt. 049	Rs-232C interface	U	U		U			U	U
Opt. 200	Non-CIPER HP-IB interface	U	U		U			U	U
Opt. 290	Series 500 HP-IB CIPER interface	U	U		U			U	U
2601A°	40 cps daisywheel impact								
Opt. 826	for use with S/500	Y	Y		U			1.0	2.0
2602A°	25 cps daisywheel impact								
Opt. 046	HP-IB interface	Y	Y		Y			1.0	2.0
2608A°	400 lpm dot-matrix impact								
Opt. 046	HP-IB interface	N	N		N			N	N
2608S°	400 lpm dot-matrix impact								
Opt. 290	HP-IB CIPER interface	Y	Y		U			1.02	2.0
2631B°	180 cps dot-matrix impact								
Opt. 046	HP-IB interface	Y	Y		U			1.0	2.0
2631G°	180 cps (2631B plus graphics)	Y	Y		U			1.0	2.0
2671A/G°	120 cps dot-matrix thermal	U	U		Y			U	U
2673A°	120 cps intelligent printer	U	U		Y			U	U

Series 500 Printer Compatibility, continued...

Product	Description	Hardware Support			Earliest Operating System Version	
		5	5 5	5 5	BASIC	HP-UX
		2	3 4	5 6		
		0	0 0	0 0		
2680A	45 ppm laser	U	U	U	U	5.0
2684A/D/P	20 ppm <i>LaserJet 2000</i>	U	U	U	U	U
2686A°	8 ppm <i>LaserJet</i>	Y	Y	Y	2.0	4.0
Opt. 300	<i>LaserJet Plus</i>	Y	Y	Y	2.0	4.0
2686D	<i>LaserJet 500</i>	Y	Y	Y	2.0	4.0
2687A°	12 ppm laser, RS-232C text only	U	U	U	U	U
2688A°	12 ppm laser, HP-IB					
Opt. 850	For HP 9000 use	U	U	Y	2.0	4.0
2932A	200 cps dot-matrix impact					
Opt. 046	HP-IB interface	Y	Y	Y	1.0	3.0
2933A°	200 cps "factory data printer"					
Opt. 046	HP-IB interface	Y	Y	Y	1.0	3.0
2934A	200 cps "office printer"					
Opt. 046	HP-IB interface	Y	Y	Y	1.0	3.0
33440A	<i>LaserJet Series-II</i>	U	U	U	2.0	4.0
3630A	<i>PaintJet</i> printer	U	U	U	U	U
41063A	Asian Workstation Printer	U	U	U	U	U
7240/45°	30 cps thermal plotter/printer	N	N	N	U	U
82905°A/B	80 cps dot-matrix impact	U	U	U	U	U
82906A	160 cps dot-matrix impact	U	U	U	U	U
97090A	480 lpm internal thermal printer	Y	NA	NA	1.0	2.0
9871A°	30 cps daisywheel impact	N	N	N	N	N
9866B°	240 lpm dot-matrix thermal	N	N	N	N	N
9876A°	400 lpm dot-matrix thermal	Y	Y	U	1.0	2.0

° Discontinued product listed for reference.

500 Graphics Device Compatibility

This table covers graphics displays, plotters and tablets. It also covers printers in their graphics "raster dump" mode, and terminals in their graphics mode. The HP-UX system has both a dump command and a DGL rasterizer (2930-series only).

Product	Description	Hardware Support						Earliest Operating System Version		
		5	5	5	5	5	5	HP-UX		
		2	3	4	5	6	0	BASIC	Starbase	DGL
C1600/01A	7600 Model 240D/E plotter	U	U	U	U	U	U	U	U	U
M1309A	HP-HIL 3-button trackball	N	N	U	N	5.0	Unsup.			
13279B°	19-in. color CRT monitor	Y	Y	Y	1.02	Unsup.	2.0			
1351A/S°	Graphics translator	N	N	N	N	N	N			
13273T°	Graphics tablet for 2703A terminal	Y	Y	U	N	U	2.0			
17623A°	Graphics tablet for 262x terminals	Y	Y	Y	N	5.0	2.0			
2225A	150 cps <i>ThinkJet</i> printer	Y	Y	Y	1.02	R ³	R ³			
2225D	RS-232C <i>ThinkJet</i> printer	U	U	U	U	U	U			
2227A	<i>QuietJet Plus</i> printer (RS-232)	U	U	Y	U	U	U			
2227B	<i>QuietJet Plus</i> printer (HP-IB)	U	U	U	U	U	U			
2228A	<i>QuietJet</i> printer	U	U	Y	U	U	U			
2235B/D	<i>RuggedWriter</i> printer (HP-IB)	U	U	U	U	U	U			
2276A	<i>DeskJet</i> printer (RS232)	U	U	U	U	U	U			
2393A	Graphics terminal	Y	Y	Y	N	5.0	4.0			
2397A	Color terminal	Y	Y	Y	N	5.0	4.0			
2563A/B	300 lpm dot-matrix impact printer	U	U	U	U	U	U			
Opt. 049	RS-232C interface	Y	Y	Y	1.02	R ³	R ³			
Opt. 200	Non-CIPER HP-IB interface	Y	Y	Y	N	R ³	R ³			
Opt. 290	HP-IB Series 500 CIPER interface	Y	Y	Y						
2564B	600 lpm dot-matrix impact printer	U	U	U	U	U	U			
Opt. 049	RS-232C interface	Y	Y	P	U	R ³	R ³			
Opt. 200	Non-CIPER HP-IB interface	Y	Y	P	N	R ³	R ³			
Opt. 290	HP-IB Series 500 CIPER interface	Y	Y							
2565A°	600 lpm dot-matrix impact printer	U	U	U	U	U	U			
Opt. 049	RS-232C interface	Y	Y	Y	1.02	R ³	R ³			
Opt. 200	Non-CIPER HP-IB interface	Y	Y	Y	N	R ³	R ³			
Opt. 290	HP-IB Series 500 CIPER interface	Y	Y							
2566A°/B	900 lpm dot-matrix impact printer	U	U	U	U	U	U			
Opt. 049	RS-232C interface	Y	Y	Y	1.02	R ³	R ³			
Opt. 200	Non-CIPER HP-IB interface	Y	Y	Y	N	R ³	R ³			
Opt. 290	HP-IB Series 500 CIPER interface	Y	Y							
2567B	1200 lpm dot-matrix impact printer	U	U	U	U	U	U			
Opt. 049	RS-232C interface	U	U	U	U	R ³	R ³			
Opt. 200	Non-CIPER HP-IB interface	U	U	U	U	R ³	R ³			
Opt. 290	HP-IB Series 500 CIPER interface	U	U	U	N					
2608A°	400 lpm dot-matrix impact printer	N	N	N	U	N	N			
Opt. 046	HP-IB interface									
2608S°	400 lpm dot-matrix impact printer	Y	Y	U	N	R ³	R ³			
Opt. 290	HP-IB HP9000 CIPER interface									
2623A°	Monochromatic terminal	Y	Y	Y	N	5.0	2.0			
2625A°	Monochromatic terminal (as 2623A)	U	U	U	N	5.0	4.0			
2627A°	Color terminal	Y	Y	Y	N	5.0	2.0			
2628A°	Monochromatic terminal (as 2623A)	U	U	U	N	5.0	4.0			

Series 500 Graphics Device Compatibility, continued...

Product	Description	Hardware Support				Earliest Operating System Version		
		5	5	5	5	BASIC	HP-UX	
		2	3	4	5		Starbase	DGL
		0	0	0	0			
2631G°	180 cps dot-matrix impact printer	Y	Y	U	U	1.0	R ³	R ³
2647F°	Monochromatic terminal	Y	Y	U	U	N	Unsup.	2.0
2684A/D/P	20 ppm <i>LaserJet 2000</i>	U	U	U	U	U		
2686A/B	8 ppm <i>LaserJet</i> printer	Y	Y	Y	Y	2.0	R ³	R ³
Opt. 300	<i>LaserJet Plus</i>	Y	Y	Y	Y	2.0	R ³	R ³
2686D	<i>LaserJet 500</i>	Y	Y	Y	Y	2.0	R ³	R ³
2703A°	Color terminal (as 2623A)	Y	Y	U	U	N	Unsup.	2.0 ¹
2932A	120 cps dot-matrix impact printer	Y	Y	Y	Y	1.02	R ³	4.0
Opt. 046	HP-IB interface	Y	Y	Y	Y	1.02	R ³	4.0
2933A°	120 cps dot-matrix impact printer	Y	Y	Y	Y	1.02	R ³	4.0
Opt. 046	HP-IB interface	Y	Y	Y	Y	1.02	R ³	4.0
2934A	120 cps dot-matrix impact printer	Y	Y	Y	Y	1.02	R ³	4.0
Opt. 046	HP-IB interface	Y	Y	Y	Y	1.02	R ³	4.0
33440A	<i>LaserJet Series-II</i>	U	U	U	U	2.0	R ³	R ³
3630A	<i>Paintjet</i> color printer	U	U	U	U	U	U	U
41063A	Asian Workstation Printer	U	U	U	U	U	U	
45610A/B°	HP 150 (used as 2623A emulator)	Y	Y	Y	Y	N	5.0	2.0
45850A	HP 150-II (used as 2623A emulator)	Y	Y	Y	Y	N	5.0	2.0
45710/11A	<i>The Portable</i>	Y	Y	Y	Y	N	N	N
7060A	RS-232C Tablet	U	U	U	U	N	N	N
7090A	Analog recorder/7475A	U	U	U	U	U	U ²	U ²
7225A/B°	A-size, 1-pen plotter	N	N	N	N	U	N	N
7240/45°	Thermal plotter/printers	N	N	N	N	U	N	N
7440A	<i>ColorPro</i> A-size, 8-pen plotter							
Opt. 001	RS-232C interface	P	P	Y	Y	N	5.05	5.0 ⁴
Opt. 002	HP-IB interface	Y	Y	Y	Y	2.0	5.0	5.0 ⁴
7470A°	A-size, 2-pen plotter							
Opt. 001	RS-232C interface	P	P	P	P	N	5.05	5.05 ⁴
Opt. 002	HP-IB interface	Y	Y	Y	Y	1.0	5.0	2.0
7475A	B-size, 6-pen plotter							
Opt. 001	RS-232C interface	P	P	P	P	N	5.05	5.05 ⁴
Opt. 002	HP-IB interface	Y	Y	Y	Y	1.0	5.0	4.0
7510A°	Film recorder (HP-IB)	Y	Y	U	U	N	U	U
7510A°	Film recorder (RS-232C)	U	U	U	U	N	U	U
7550A	B-size, 8-pen plotter (HP-IB)	Y	Y	Y	Y	1.02	5.05	4.0
7550A	B-size, 8-pen plotter (RS-232C)	P	P	P	P	N	5.05	5.05 ⁴
7570A	C/D-size, 8-pen plotter (RS-232C)	U	U	U	U	N	5.0	5.05 ⁴
w/17570A	C/D-size, 8-pen plotter (HP-IB)	Y	Y	U	U	2.0	5.0	5.05 ⁴
7580A°	D-size, 8-pen plotter							
Opt. 002	HP-IB interface	Y	Y	Y	Y	1.0	5.0	2.0
7580B°	D-size, 8-pen plotter (HP-IB)	Y	Y	Y	Y	1.0	5.0	2.0
7580B°	D-size, 8-pen plotter (RS-232C)	U	U	U	U	N	5.05	5.05 ⁴

Graphics Devices, continued...

Product	Description	Hardware Support						Earliest Operating System Version		
		5	5	5	5	5	5	HP-UX		
		2	3 4	5 6	5 6	5 6	5 6	BASIC	Starbase	DGL
7585A°	E-size, 8-pen plotter	Y	Y	Y	Y	Y	Y	1.0	5.0	2.0
Opt. 002	HP-IB interface	Y	Y	Y	Y	Y	Y	1.0	5.0	2.0
7585B°	D-size, 8-pen plotter (HP-IB)	Y	Y	Y	Y	Y	Y	1.0	5.0	2.0
7585B°	D-size, 8-pen plotter (RS-232C)	U	U	U	U	U	U	N	5.05	5.05 ⁴
7586B°	E-size, 8-pen, roll-feed (HP-IB)	Y	Y	Y	Y	Y	Y	1.02	5.0	4.0
7586B°	E-size, 8-pen, roll-feed (RS-232C)	U	U	U	U	U	U	N	5.05	5.05 ⁴
7595A	E-size, 8-pen plotter (HP-IB)	U	U	Y	Y	Y	Y	2.0	5.05	5.05 ⁴
7595A	E-size, 8-pen plotter (RS-232C)	U	U	Y	Y	Y	Y	2.0	5.05	5.05 ⁴
7596A	E-size, 8-pen, roll-feed (HP-IB)	U	U	Y	Y	Y	Y	2.0	5.05	5.05 ⁴
7596A	E-size, 8-pen, roll-feed (RS-232C)	U	U	Y	Y	Y	Y	2.0	5.05	5.05 ⁴
9111A°	Graphics tablet	Y	Y	Y	Y	Y	Y	1.0	5.0	2.0
9666A	Ruggedized 2397A	Y	Y	Y	Y	Y	Y	N	5.0	4.0
97060A/T°	Graphics processor	Y	Y	Y	Y	Y	Y	1.02	Unsup.	2.0
97062A	RGB interface	Y	Y	U	U	U	U	1.02	Unsup.	2.0
97090A	Built-in 480 lpm printer	Y	NA	NA	NA	NA	NA	1.0	R ³	R ³
9872B/S°	B-size, 8-pen plotter	Y	Y	Y	Y	Y	Y	1.0	Unsup.	2.0
9872C/T°	B-size, 8-pen plotter	Y	Y	Y	Y	Y	Y	1.0	Unsup.	2.0
98700A/H	Graphics Display Station	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46060A	HP-HIL Mouse, 2-button	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46060B	HP-HIL Mouse, 3-button	N	N	U	U	U	U	N	U	U
46083A	HP-HIL Rotary knob	N	N	U	U	U	U	N	U	U
46085A	HP-HIL Control dials	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46086A	HP-HIL 32-button Box	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46087A	HP-HIL A-size Digitizer	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46088A	HP-HIL B-size Digitizer	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46089A	46087/88A 4-button Cursor	N	N	Y	Y	Y	Y	N	5.0	5.0 ⁴
46094A	HP-HIL Quadrature Adaptor	N	N	U	U	U	U	N	U	U
46095A	Quadrature Mouse, 3-button	N	N	U	U	U	U	N	U	U
9874A°	Digitizer	N	N	N	N	N	N	N	N	N
98751A	Monitor: 1024×768 color, 19" <see 98700A/H>									
98760A	9020A Standard color CRT display	Y	NA	NA	NA	NA	NA	1.02	5.0	2.0
98770B	9020C High-perf. color CRT display	Y	NA	NA	NA	NA	NA	1.0	N	2.0
98775A	Light pen	Y	NA	NA	NA	NA	NA	1.0	N	N
98780B	9020B Monochromatic CRT display	Y	NA	NA	NA	NA	NA	1.0	N	2.0
98782A°	Monitor: 1024×768 color, 19" <see 98700A/H>									
98785A	Monitor: 1024×768 color, 16" <see 98700A/H>									

° Discontinued product listed for reference.

1 Supported as a 'color' 2623A.

2 The 7475A handler may work with the 7090A, but has not been QA'd.

3 The *dumpgraphics.c* command can copy a 9020 or 98700H screen image to this printer. The 2930-series raster handler may also be able to generate spooled images compatible with this printer.

4 This DGL support is provided via the DGL-to-Starbase handler.

500 Miscellaneous Peripheral Compatibility

The "Min. Boot ROM" column refers to the computer's ability to load a remote system in the case of the 98028A, and to load a system from a device interfaced via the I/O Expander in the case of the 97098A.

Product	Description	Hardware Support					Earliest Operating System Version	
		Min. Boot ROM	5 2 0	5 5 3 4 0 0	Min. Boot ROM	5 5 5 6 0 0	BASIC	HP-UX
13264A	DSN/DL data link adaptor	NA	N	N	NA	N	N	N
13265A	300 baud modem	NA	N	N	NA	N	N	N
13266A	Current loop adaptor	NA	N	N	NA	N	N	N
2285A°	LAN interface unit	NA	Y	Y	NA	Y	N	2.0
2334A	X.25 MultiMUX	NA	Y	Y	NA	Y	N	5.0
26075A	HP-IB switch	NA	Y	Y	NA	Y	1.0	2.0
35016A°	Remote Support modem	NA	N	N	NA	N	U	U ⁵
35141A°	Support Link-I modem	NA	N	N	NA	N	U	3.0
37201/03A	HP-IB extenders	NA	U	U	NA	U	2.0 ³	4.0 ³
37204A	HP-IB extenders	NA	Y	Y	NA	Y	2.0 ³	4.0 ³
37212A	300/1200 baud modem	NA	Y	Y	NA	Y	U	5.0
39301A	Fibre Optic RS232 MUX	NOP	U	U	NOP	Y	U	4.0
39800/01A	RS-232C bar code reader	NA	U	U	NA	U	1.02	2.0
82169A	HP-IB/HP-IL converter	N	Y	Y	N	Y	2.0 ⁴	4.0 ⁴
92178S	RS-232C switch	NA	U	U	NA	U	U	U
92205A/C	Hayes Smartmodem 1200	NA	Y	Y	NA	Y	U	4.0
92205B	Hayes Smartmodem 2400 ⁹	NA	U	U	NA	Y	U	N
92205J	[also 35031A] AJ-1212-AD1 modem	NA	N	N	NA	N	U	U ⁵
98028A°	SRM multiplexer	NA	Y	Y	NA	Y	1.02	4.0 ²
9883A°	Paper tape reader	NA	N	N	NA	N	N	N
9884A°	Paper tape punch	NA	N	N	NA	N	N	N
97098A	Series 500 I/O expander	A	Y	Y	4.0	Y	1.0	2.0
98777A	9020C camera attachment	NA	Y	NA	NA	NA	NA	NA
USR2400	Courier 2400 modem*	NA	U	U	NA	Y	U	4.0

° Discontinued product listed for reference.

* This is not a Hewlett-Packard product.

2 Requires 27123A° or 50961A#500 interface and 98694A software.

3 Supported only on dedicated HP-IB interface with devices that do not use PPOLL (or AMIGO protocol). Other configurations may work, but require testing. BASIC can increase the PPOLL sense delay.

4 Supported only on dedicated HP-IB interface with devices that do not use PPOLL (or AMIGO protocol), or data rates in excess of 4 Kbytes/sec.

5 Auto-answer untested. Auto-dial must be user-written.

9 The 92205B is not sufficiently compatible with other supported modems (including the 92205A/C) to allow support. *Dialit.c* changes are also required.

500 Interface and Accessory Compatibility

The "Min. Boot ROM" column refers to the computer's ability to identify or test the device, and to load a system from the card or connected peripheral (if the interface supports this) into system RAM.

Product	Description	Hardware Support						Earliest Operating System Version	
		Min. Boot ROM	5 2 0	5 5 3 4 0 0	Min. Boot ROM	5 5 5 6 0 0		BASIC	HP-UX
09050-66510	Model 550 built-in HP-IB interface	NA	NA	NA	4.0	Y		NA	4.0
09050-66510	Model 550 external NMI input	NA	NA	NA	4.0	Y		NA	5.0
27110A°/B	HP-IB interface	A	Y	Y	4.0	Y ⁴		1.0	2.0
27112A	GPIO interface	A	Y	Y	4.0	Y ⁴		1.0	2.0
27122A	RJE interface	A	Y	Y	4.0	Y ⁴		N	2.0 ¹
27123A°	SRM interface	A	Y	Y	4.0	Y		1.02 ⁶	4.0 ²
27125A°/B	LAN/500 Link (interface)	NA	Y	Y	NA	Y		N	5.0 ⁸
27128A	ASI interface	A	Y	Y	4.0	Y ⁴		1.0	2.0
27130A°	MUX interface	A	Y	Y	4.0	Y ⁵		N	2.0
27130B	MUX interface	A	Y	Y	4.0	Y		N	2.0
27140A	Modem MUX interface	A	Y	Y	4.0	Y		N	5.0
50961A#500	SRM interface	A	Y	Y	4.0	Y		1.02 ⁶	4.0 ²
9020A/B/C	Keyboard, U.S. ASCII	A	Y	NA	NA	NA		1.0	2.0
Opt. 810	French	A	Y	NA	NA	NA		1.0	2.0 ³
Opt. 820	Spanish	A	Y	NA	NA	NA		1.0	2.0 ³
Opt. 830	German	A	Y	NA	NA	NA		1.0	2.0 ³
Opt. 840	Katakana	A	Y	NA	NA	NA		1.0	2.0 ³
Opt. 850	Swedish/Finnish	A	Y	NA	NA	NA		1.0	2.0 ³
97040A°	256 Kbyte RAM	A	Y	Y	NA	U		1.0	2.0
97041A	2nd IOP, Model 520	A	Y	N ⁷	NA	N		1.0	2.0
97042A	3rd IOP, Model 520	A	Y	N ⁷	NA	N		1.0	2.0
97043A°	Additional CPU	A	Y	Y	NA	U		1.0	2.0
97043B	Additional Floating Point CPU	A	Y	Y	4.0	Y		2.0	4.0
97044A	2nd or 3rd IOP, Model 530/540	A	N ⁷	Y	NA	N		N	2.0
97046A	1.0 Mbyte RAM	B	Y	Y	4.1	Y		2.0	4.0
97047A	512 Kbyte RAM	A	Y	Y	4.0	Y		1.02	3.0
97048A	2.0 Mbyte RAM	B	Y	Y	4.1	Y		2.0 ⁹	5.1 ^{9,5}
97049A	IOP, Model 550	NA	N ⁷	N ⁷	4.0	Y		N	4.0
97062A	RGB Interface	A	Y	Y	4.0	U		1.02	2.0
97098A	Series 500 I/O expander	A	Y	Y	4.0	Y		1.0	2.0
98288A	Display Station Buffer (DSB)	NA	N	N	4.1	Y		N	5.0

° Discontinued product listed for reference.

1 Requires 97077/87A RJE software.

2 Requires 98694A SRM Utility software.

3 Only U.S. ASCII characters can be entered on these keyboards under HP-UX.

4 Use of older cards with the Model 550 requires new cables. See **Appendix I**.

5 Use with the Model 550 requires the 28658-60005 connection panel and 28658-63001 cable.

6 Requires 97058A/M/R SRM access software.

7 Relocation of IOPs between computer models requires replacement of the IOP cable.

8 Requires 50953/54A NS/9000 software.

9 Configuration not supported: 1 CPU, 1 IOP and 12 or 13 memory controllers (MC). 97040A (256Kb), 97047A (512Kb) and 97046A (1.0Mbx2) have one MC per board. The 97048A (2.0Mb) has 2 MCs per board.