














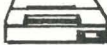
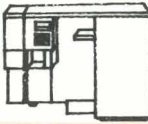















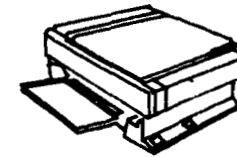
PERIPHERAL CONFIGURATION GUIDE

Discs						
Tapes						
Printers						
Plotters						
Tablets						

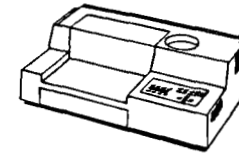
Revision D
June 1984
Information Products Group

New in this issue:

- **2686 Printer (LaserJet)**
400 lpm desktop laser printer
(see page 87 for product details)



- **7550 Plotter**
8 pen, automatic paper feed plotter
(see page 88 for product details)



Also, information on:

- **7586B Plotter**
- **Replacement Cables – see Appendix C**

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

PERIPHERAL CONFIGURATION GUIDE

TABLE OF CONTENTS

I.	Commercial Systems: HP250 and HP3000s		V.	Personal Computers: Series 80,100,200	
	Workstation Discs.....	4		Workstation Discs.....	60
	System Discs.....	5		Workstation Printers.....	62
	Tape Drives.....	11		Plotters.....	65
	Workstation Printers.....	14		Tablets.....	66
	System Printers.....	16		Non-HP Personal Computers/Printers.....	67
	Plotters.....	22		Non HP Personal Computers/Plotters.....	68
	Tablets.....	25	VI.	Appendices	
II.	Terminals: HP262x, 264x and 2700s			Appendix A: Tape Drive Options & Field Upgrades.....	71
	Workstation Printers.....	28		Appendix B: System Discs Accessories & Field Upgrades....	76
	Plotters.....	31		Appendix C: Replacement Cables.....	77
III.	Technical Systems: HP1000s		VII.	Product Matrices	
	Workstation Discs.....	34		Workstation Discs/Greeley Division.....	78
	System Discs.....	36		System Discs/Disc Memory Division.....	80
	Tape Drives.....	40		Tape Drives/Greeley Division.....	82
	Workstation Printers.....	41		Workstation Printers/Vancouver Division.....	84
	System Printers.....	43		System Printers/Boise Division.....	86
	Plotters.....	44		Plotters & Tablets/San Diego Division.....	88
	Tablets.....	45			
IV.	Desktops: HP98xx and 9000s				
	Workstation Discs.....	48			
	System Discs.....	50			
	Tape Drives.....	53			
	Workstation Printers.....	54			
	System Printers.....	55			
	Plotters.....	57			
	Tablets.....	58			

INFORMATION PRODUCTS GROUP
P.O. BOX 39
BOISE, IDAHO 83707



TABLE OF CONTENTS

PERIPHERAL CONFIGURATION GUIDE

READER COMMENTS

If you have corrections to the guide, please send them to the following divisional people who are responsible for each section.

Workstation Discs

Scott Niedringhaus
Greeley Division(comsys #5800)
700 71st Avenue
Greeley, CO 80634

Tape Drives

Jon Schiedel
Greeley Division(comsys #5800)
700 71st Avenue
Greeley, CO 80634

System Printers

Rick Wakeman
Boise Division(comsys #4600)
P. O. Box 39
Boise, Idaho 83707

System Discs

Carol Hubecka
Disc Memory Div. (comsys #4800)
P. O. Box 39
Boise, Idaho 83707

Workstation Printers

Chuck Wright
Vancouver Division(comsys #5400)
P. O. Box C-006
Vancouver, WA 98668-C006

Plotters/Tablets

Vic Graham
San Diego Division(comsys #1100)
16399 West Bernardo Drive
San Diego, CA 92127





























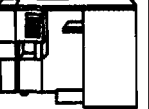













FUTURE ENHANCEMENTS

If you have any general comments about the Guide or potential enhancements to it, please contact Jan Bell at the address below. Thanks.

Peripheral Configuration Guide

Jan Bell
Information Products Group(comsys #4600)
P. O. Box 39
Boise, Idaho 83707

PERIPHERAL CONFIGURATION GUIDE

workstation discs						
system discs						
tape drives						
workstation printers						
system printers						
plotters						
tablets						



HP250
HP3000

COMMERCIAL SYSTEMS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
HP 3000 SERIES 30/33, 40/40SX, 44/64,39/ 42/48/68	9895A OPT. 010	1 MAXIMUM	HP-IB	NONE	GIC 45529 HP-IB CABLE (OR 10833)	MPE	--

WORKSTATION DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
250	7906M	1 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	PIC (INCLUDED WITH SYSTEM, EXCEPT ON MODELS 20, 25, AND 26)	SENT WITH MASTER DISC	2m	
	7906S	1 MAX.	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m				
	7906H	2 MAX.	NONE	10833A (HP-IB) 2m				
	7908P 7911P 7912P	4 MAX. (7908/11/12)	NONE	10833B (HP-IB) 2m 10833A (HP-IB) 1m** 10833A (HP-IB) 1m**	PIC (INCLUDED WITH SYSTEM, EXCEPT ON MODELS 20, 25, AND 26).	SENT WITH DISC	2m	
	4 TOTAL							
300	7906M/ 7920M/MR 7925M/MR	1 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	GIC	SENT WITH MASTER DISC	2m	
	7906S 7920S/SR 7925S/SR	2 MAX.	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m				
	3 TOTAL							

*NOTE: SPECIAL CABLE LENGTHS ARE AVAILABLE (SEE ACCESSORIES LIST).

**7911/12 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY.
(MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.)



SYSTEM DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
3000 SERIES III/ IIIR	7920M/MR 7925M/MR	1 MAX.	NONE	MULTI-UNIT & DATA CABLE INTERNAL	30229B	SENT WITH I/F CARD	5.5m (18 FT.)	
	7920S/SR 7925S/SR	7 MAX.	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m				
	7933H**	4 MAX.	NONE	10833A (HP-IB) 1m	30341A (ORDER FROM CSY) (MAX. 8 LOADS/GIC 7933=1 LOAD, 2680=3 LOADS, 7976=2 LOADS)	SENT WITH DISC		MPE III OR MPE IV
		12 TOTAL						

*NOTE: SPECIAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST

**NOT SUPPORTED AS THE PRIMARY SYSTEM DISC (LDEV1). MUST HAVE MAC FAMILY MASTER DISC CONFIGURED AS SYSTEM DISC.

SYSTEM DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM				
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS	
3000 SERIES 30/30R 33/33R	7911P 7912P	1*** MAX.	001	10833A (HP-IB) 1m**	2 GIC'S - DEDICATED GIC - CARTRIDGE TAPE	SENT WITH DISC		EITHER 1/2" MAG TAPE OR SERIAL DISC FOR BACK-UP	
	7911P 7912P OPTION 140	3*** MAX.	140	10833A (HP-IB) 1m**	GIC	SENT WITH DISC			
	7933H	3*** MAX.	NONE	10833A (HP-IB) 1m	GIC	SENT WITH DISC			
	(COMBINING 791X & 7933)	3 SUBTOTAL							
	7906M 7920M/MR 7925M/MR	1 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	GIC (8 DRIVES/GIC)	SENT WITH DISC	2m		
	7906S 7920S/SR 7925S/SR	7 MAX.	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m					
	COMBINING 7906/20/25	8 SUBTOTAL							
		8 TOTAL							

*NOTE: SPECIAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**7911/12 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY.
MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS

***NOTE: ADD-ON DISC ONLY. NOT SUPPORTED AS SYSTEM DISC.

SYSTEM DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
3000 SERIES 39 & 42	7911P 7912P 7914P	1 MAX.	001	10833A (HP-IB) 1m**	GIC (OPT. 001 REQUIRES 2 GIC'S - TAPE REQUIRES DEDICATED GIC)	SENT WITH DISC		MAG. TAPE RE- QUIRED WITH OVER 132 MB ON-LINE
	7914TD		002	(SEE DATA SHEET)		SENT WITH DISC & TAPE DRIVE		
	7911P 7912P 7914P	4 MAX.	140	10833A (HP-IB) 1m**	GIC	SENT WITH DISC		
	7911/12/14	4 SUBTOTAL						
	7920M/MR 7925M/MR	2 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	GIC 8 DRIVES/GIC	SENT WITH MASTER DISC		
	7920S/SR 7925S/SR	7 MAX. 1 MASTER/ 7 SLAVES	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m				
	7920/25	8 SUBTOTAL						
	7933H 7935H	8 MAX.	NONE	10833A (HP-IB) 1m	GIC 6 DRIVES/GIC	SENT WITH DISC		
	COMBINING 791X, 792X & 793X	8 TOTAL			MAX. 6 DRIVE CONTROLLERS/GIC MAX. 2 HIGH SPEED GIC'S			NOTE: OBSERVE HP-IB LOADING REQUIREMENTS

*NOTE: SPECIAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m CABLE INTERNALLY.
MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E, WITH ITS
OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT
EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN SEPARATE HP-IB CABLING.

SYSTEM DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM		
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
3000 SERIES 48	7911P 7912P 7914P	1 MAX.	001	10833A (HP-IB) 1m**	GIC (OPT 001 REQUIRES 2 GIC'S - TAPE REQUIRES DEDICATED GIC)	SENT WITH DISC	MAG. TAPE REQUIRED FOR BACK-UP
	7914TD		002	(SEE DATA SHEET)		SENT WITH DISC & TAPE DRIVE	
	7911P 7912P 7914P OPTION 140	4 MAX.	140	10833A (HP-IB) 1m**	GIC	SENT WITH DISC	
	7911/12/14	4 SUBTOTAL					
	7920M/MR 7925M/MR	2 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	GIC MAX. 16 DRIVES/ GIC	SENT WITH MASTER DISC	
	7920S/SR 7925S/SR	14 MAX. 1 MASTER/ 7 SLAVES	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m			
	7920/25	16 SUBTOTAL					
	7933H 7935H	8 MAX.	NONE	10833A (HP-IB) 1m	6 DRIVES/GIC	SENT WITH DISC	
	COMBINING 791X, 792X & 793X	16 TOTAL			MAX. 6 DRIVE CONTROLLERS/GIC MAX. 2 HIGH SPEED GIC'S		NOTE: OBSERVE HP-IB LOADING REQUIREMENTS

*NOTE: OPTIONAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY.
MJST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E, WITH ITS OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN SEPARATE HP-IB CABLING.

SYSTEM DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM				
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS	
3000 SERIES 68	7911P 7912P 7914P	1 MAX.	001	10833A (HP-IB) 1m**	GIC (OPTION 001 REQUIRES 2 GIC'S - TAPE REQ. DEDICATED GIC)	SENT WITH DISC		MAG. TAPE REQUIRED FOR BACK-UP	
	7914TD		002	(SEE DATA SHEET)		SENT WITH DISC & TAPE DRIVE			
	7911P 7912P 7914P OPTION 140	8 MAX.	140	10833A (HP-IB) 1m**	GIC	SENT WITH DISC		MAG. TAPE REQUIRED FOR BACK-UP	
	7920M/MR 7925M/MR	16 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	GIC	SENT WITH MASTER DISC			
	7920S/SR 7925S/SR	14 MAX. 1 MASTER/ 7 SLAVES	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m	MAX. 6 MASTERS/GIC; UP TO 16 DRIVES/GIC				
	7920/25	16 SUBTOTAL							
	7933H 7935H	16 MAX. (24 MAX.)***	NONE	10833A (HP-IB) 1m	GIC 6 DRIVES/GIC	SENT WITH DISC			
	COMBINING 791X, 792X & 793X	16 TOTAL (24 TOTAL)***				MAX. 6 DRIVE CONTROLLERS/GIC MAX. 4 HIGH SPEED GIC'S (16 TOTAL) MAX. 6 HIGH SPEED GIC'S (24 TOTAL)***			NOTE: OBSERVE HP-IB LOADING REQUIREMENTS

*NOTE: OPTIONAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY.
MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.

***WITH TWO I/O BAYS

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E, WITH ITS
OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT
EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN SEPARATE HP-IB CABLING.

SYSTEM DISCS

COMMERCIAL SYSTEMS

COMBINATIONS		TAPE DRIVE			HOST		NOTES	
SYSTEM	TAPE DRIVE	MAXIMUM NUMBER	INTERFACE TYPE	CABLE SENT WITH TAPE DRIVE		SYSTEM INTERFACE	SYSTEM REQUIREMENTS	
3000 SERIES III/IIIR	7970B 7970BR	8	PARALLEL DIFFERENTIAL	INITIAL DRIVE: 30215A 20 FT. ADD-ON: MULTI-UNIT 20 FT.		30215A	MAXIMUM 4 DRIVES PER INTERFACE CONTROLLER	THERE ARE NO 7970B SLAVES
	7970E 7970ER	8	PARALLEL DIFFERENTIAL	MASTER: 30215A 20 FT. ADD-ON: MULTI-UNIT 20 FT. SLAVE: MULTI-UNIT 20 FT.		30215A	MAXIMUM 4 DRIVES PER INTERFACE CONTROLLER	EACH MASTER CAN CONTROL UP TO 3 SLAVES
	7976A	1	HP-IB	HP-IB	2 M.	30341A & 30079A (GIC)	REQUIRES 30341A STARFISH INTERFACE	MUST HAVE 7970B/E FOR CPU DIAGNOSTICS & MEMORY DUMP FACILITY
	COMBINING 797X	9 TOTAL						
3000 SERIES 30/30R 33/33R	7970E 7970ER	4	HP-IB	MASTER: HP-IB 6 M. (19 FT.) SLAVE: MULTI-UNIT 20 FT.		30079A	MASTER REQUIRES DEDICATED GIC	MAXIMUM CONFIGURATION EQUALS ONE MASTER WITH THREE SLAVES
	7976A	1	HP-IB	HP-IB	2 M.	30079A	THERE ARE NO 7976A SLAVES	SHIPPED WITH 2 HP-IB LOADS VARIABLE FROM 1-4 LOADS 2 M. INTERNAL CABLE
	COMBINING 797X	4 TOTAL						

SEE APPENDIX A FOR OPTION NUMBERS AND CABINET STYLES.

TAPE DRIVES

COMMERCIAL SYSTEMS

COMBINATIONS		TAPE DRIVE			HOST		NOTES
SYSTEM	TAPE DRIVE	MAXIMUM NUMBER	INTERFACE TYPE	CABLE SENT WITH TAPE DRIVE	SYSTEM INTERFACE	SYSTEM REQUIREMENTS	
3000 SERIES 39:40/42	7970E 7970ER	4	HP-IB	MASTER: HP-IB 6 M. (19 FT.) SLAVE: MULTI-UNIT 20 FT.	30079A	MASTER REQUIRES DEDICATED GIC	MAXIMUM CONFIGURATION EQUALS ONE MASTER WITH THREE SLAVES
	7974A	4	HP-IB	HP-IB 2 M.	30079A	MPE IV Q DELTA 2 PLUS SITE SPECIFIC PATCH TAPE OR MPE V/E OR MPE V/P PLUS DIRECTORY FIX HIGH SPEED DEVICE - DOES NOT REQUIRE DEDICATED GIC	SHIPPED WITH 1 HP-IB LOAD VARIABLE FROM 1-3 LOADS 1 M. INTERNAL CABLE
	7976A	2	HP-IB	HP-IB 2 M.	30079A	THERE ARE NO 7976A SLAVES	SHIPPED WITH 2 HP-IB LOADS VARIABLE FROM 1-4 LOADS 2 M. INTERNAL CABLE
	7978A	4	HP-IB	HP-IB 2 M.	30079A	MPE V/P PLUS DIRECTORY FIX (OR LATER) OR MPE V/E HIGH SPEED DEVICE - DOES NOT REQUIRE DEDICATED GIC	SHIPPED WITH 1 HP-IB LOAD VARIABLE FROM 1-3 LOADS 0 M. INTERNAL CABLE
	COMBINING 797X	4 TOTAL					

SEE APPENDIX A FOR OPTION NUMBERS AND CABINET STYLES

TAPE DRIVES

COMMERCIAL SYSTEMS

COMBINATIONS		TAPE DRIVE			HOST		NOTES	
SYSTEM	TAPE DRIVE	MAXIMUM NUMBER	INTERFACE TYPE	CABLE SENT WITH TAPE DRIVE		SYSTEM INTERFACE	SYSTEM REQUIREMENTS	
3000 SERIES 44/48 64/68	7970E 7970ER	8	HP-IB	MASTER: HP-IB 6 M. (19 FT.) SLAVE: MULTI-UNIT 20 FT.		30079A	MASTER REQUIRES DEDICATED GIC	MAXIMUM CONFIGURATION EQUALS TWO MASTERS WITH SIX SLAVES
	7974A	4	HP-IB	HP-IB	2 M.	30079A	MPE IV Q DELTA 2 PLUS SITE SPECIFIC PATCH OR MPE V/E OR MPE V/P PLUS DIRECTORY FIX. FOR USE AS SYSTEM COLD LOAD DEVICE, SEE NOTE BELOW. HIGH SPEED DEVICE - DOES NOT REQUIRE DEDICATED GIC	SHIPPED WITH 1 HP-IB LOAD VARIABLE FROM 1-3 LOADS 1 M. INTERNAL CABLE
	7976A	2	HP-IB	HP-IB	2 M.	30079A	THERE ARE NO 7976A SLAVES	SHIPPED WITH 2 HP-IB LOADS VARIABLE FROM 1-4 LOADS 2 M. INTERNAL CABLE
	7978A	4	HP-IB	HP-IB	2 M.	30079A	MPE V/P PLUS DIRECTORY FIX (OR LATER) OR MPE V/E FOR USE AS SYSTEM COLD LOAD DEVICE, SEE NOTE BELOW HIGH SPEED DEVICE - DOES NOT REQUIRE DEDICATED GIC	SHIPPED WITH 1 HP-IB LOAD VARIABLE FROM 1-3 LOADS 0 M. INTERNAL CABLE
	COMBINING 797X	8 TOTAL						

SEE APPENDIX A FOR OPTION NUMBERS AND CABINET STYLES

NOTE: SERIES 64 OR 68 SYSTEMS SHIPPED BEFORE MARCH 1, 1984 REQUIRE A DCU FIRMWARE UPGRADE (DCU ROM REVISION 2403 OR GREATER) TO USE A 7974A OR 7978A AS THE SYSTEM COLD LOAD DEVICE. SEE SERVICE NOTES 32460A-12 AND 32460B-7.

TAPE DRIVES

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 250	2601A	STD	RS-232C	2601 CABLE	RS-232C INTERFACE IS STANDARD ON HP 250	COMES WITH PRINTER (2601A)	--	RS-232C CABLE USED FOR EITHER LOCAL OR MODEM CONNECTION
	2602A			NONE		ORDER 13242N (FOR 2602A)		
	82905B			NONE		ORDER 8120-3258 (FOR 82905B)		
	2932A 2933A/34A	046	HP-IB	HP-IB INTERFACE IS STANDARD ON HP 250 MODELS 30, 40 & 50	ORDER 10833A, OR B (FOR 2932A, 33A, 34A)	2932A, 33A OR 34A REQUIRE HP 250 OP SYS RELEASE B.06 OR LATER		
HP 3000 ALL SERIES	2601A	STD	RS-232C (DIRECT CONNECT ONLY)	2601 CABLE	ATC ON SERIES III	COMES WITH 2601A	2601A & 2602A MUST USE MODEM-CAPABLE PORT ON ATP	2601A & 2602A CANNOT OPERATE SPOOLED EXCEPT WITH HP WORD
	2602A			NONE	ADCC OR ATP, AS APPROPRIATE, ON OTHER SERIES	ORDER 13242N		2601A & 2602A CANNOT OPERATE UNDER MODEM CONTROL (EVEN ON MODEM CAPABLE ATP PORT)

WORKSTATION PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 3000 SERIES 30 THRU 68	2932A 2933A/34A	STD	RS-232C DIRECT CONNECT	NONE	ADCC (NO ADCC ON S/68)	92219G	MPE IV OR V	SPOOLED (SEE NOTE 1)
		STD	RS-232C DIRECT CONNECT	NONE	ATP	13242X (3 PIN CONNECTOR)	MPE IV OR V	SPOOLED (SEE NOTE 1)
		STD	RS-232C MODEM	NONE	ADCC OR ATP (NO ADCC ON S/68)	92219G	MPE IV OR V	SPOOLED (SEE NOTE 1)
		035	RS-422A DIRECT CONNECT	NONE	ATP	13242P	MPE IV OR V	SPOOLED (SEE NOTE 1)
HP 3000 SERIES 39 THRU 68	2933A/34A ONLY	033	MTS 1ST DEVICE (DAISY CHAIN)	YES	DSN/INP	HIGHLY CONFIGURATION DEPENDENT	MTS & MPE V	2933A/34A ONLY REQUIRES MTS VERSION A.07.00 OR A.57.00 OR LATER (SEE NOTE 1)
		034	MTS NTH DEVICE (DAISY CHAIN)					
		039	MTS DATA LINK					

NOTE 1: PRINTER GRAPHICS SUPPORTED ON 3000 ONLY WHEN PRINTER IS SLAVED TO GRAPHICS TERMINAL.

WORKSTATION PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 250	2563A	049	RS-232-C	NONE	ASYNCHRONOUS INTERFACE	8120-3258	B.06.01 RELEASE OF OPERATING SYSTEM	
		250	HP-IB	10833B HP-IB 2 METRE	45110A I/F SUPPLIED AS STANDARD WITH THE HP 250	SUPPLIED WITH PRINTER	B.06.01 RELEASE OF OPERATING SYSTEM	
HP 250	2608A	251	HP-IB	NONE	45110A I/F SUPPLIED AS STANDARD WITH THE HP 250			
HP 250	2608S							NOT SUPPORTED
HP 250	2611A 2619A							NOT SUPPORTED
HP 250	2687A	251	RS-232-C	NONE	ASYNCHRONOUS INTERFACE	8120-3258	B.06.01 RELEASE OF OPERATING SYSTEM	
HP 250	2688A							SUPPORT NOT INTENDED

SYSTEM PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 3000 SERIES II & III	2563A							NOT SUPPORTED
HP 3000 SERIES II & III	2608A	300	PARALLEL DIFFERENTIAL	02608-60080 50 FT.	30209AR AVAILABLE FROM FRD	SUPPLIED WITH PRINTER		FOR CABLES IN EXCESS OF 50 FT. CONTACT BOISE DIVISION. MAX. LENGTH IS 500 FEET.
HP 3000 SERIES III	2608S	055	HP MULTIPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART# 32193-90002	FOS MIT C.00.20 (CIPER) MTS VERSION A.05.00 OR LATER	
HP 3000 SERIES II & III	2611A 2619A	300	PARALLEL DIFFERENTIAL	30209-60004 50 FT.	30209AR AVAILABLE FROM FRD	SUPPLIED WITH PRINTER		FOR CABLES IN EXCESS OF 50 FT. CONTACT BOISE DIVISION. MAX. LENGTH IS 500 FEET.
HP 3000 SERIES III	2680A	300	HP-IB	8120-3449 HP-IB 8 METRE	30341A (STARFISH) CONTACT FRD ON AVAILABILITY	SUPPLIED WITH PRINTER	FOS MIT C.00.20 (CIPER)	
HP 3000 SERIES III	2687A							SUPPORT NOT INTENDED
HP 3000 SERIES III	2688A							SUPPORT NOT INTENDED

SYSTEM PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 3000 SERIES 30 & 33	2563A	333	HP-IB	10833C HP-IB 4 METRE	30079A GIC AVAILABLE FROM CSY	SUPPLIED WITH PRINTER	MPE IV-Q DELTA 2	
HP 3000 SERIES 30 & 33	2608A	333	HP-IB	10833B HP-IB 2 METRE	30079A GIC AVAILABLE FROM CSY	SUPPLIED WITH PRINTER		NO FEATURE ACCESS AVAILABLE
HP 3000 SERIES 30 & 33	2608S	333	HP-IB	10833C HP-IB 4 METRE	30079A GIC (HIGH SPEED) AVAILABLE FROM CSY	SUPPLIED WITH PRINTER	FOS MIT C.00.20 (CIPER)	
		055	HP MULTIPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART #32193-90002	MTS VERSION A.05.00 OR LATER	
HP 3000 SERIES 30	2611A 2619A	301	PARALLEL DIFFERENTIAL	26069-60005 15 METRE	30079A GIC AVAILABLE FROM CSY 26069 I/O INCLUDED WITH PRINTER	SUPPLIED WITH PRINTER		FOR CABLES IN EXCESS OF 15 METRES CONTACT BOISE DIV. MAX. LENGTH IS 500 FEET.
HP 3000 SERIES 33	2611A 2619A	302	PARALLEL DIFFERENTIAL	26069-60004 1 METRE IN CPU 26069-60003 15 METRE	30079A GIC AVAILABLE FROM CSY 26069 I/O INCLUDED WITH PRINTER	SUPPLIED WITH PRINTER		FOR CABLES IN EXCESS OF 15 METRES CONTACT BOISE DIV. MAX. LENGTH IS 500 FEET.
HP 3000 SERIES 30	2680A	301	HP-IB	8120-3449 8 METRE	30079A GIC AVAILABLE FROM CSY	SUPPLIED WITH PRINTER	FOR MIT C.00.20 (CIPER)	
HP 3000 SERIES 30/33	2680A	302	HP-IB	8120-3449 8 METRE	30079A GIC AVAILABLE FROM CSY	SUPPLIED WITH PRINTER	FOR MIT C.00.20 (CIPER)	
HP 3000 SERIES 30/33	2687A							SUPPORT NOT INTENDED
HP 3000 SERIES 30/33	2688A							SUPPORT NOT INTENDED

SYSTEM PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP3000 SERIES 39/40/42	2563A	049	RS-232-C	NONE	ADCC	92219G	MPEIV-Q DELTA 2	DIRECT CONNECT
					INP	92219G	MTS A.07.00 OR A.57.00	WHEN USED WITH 2333A AND MTS
		340	HP-IB	10833C HP-IB 4 METRE	GIC	SUPPLIED WITH PRINTER	MPE IV-Q DELTA 2	
		055	HP MULTIPPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART # 32193-90002	MTS VERSION A.07.00 OR A.57.00	
	2608A	340	HP-IB	10833B HP-IB 2 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	SERIES 39/40=MPE-IV (C.00.20) OR LATER SERIES 42=MPE-V	
	2608S	340	HP-IB	10833C HP-IB 4 METRE	30079A GIC (HIGH SPEED) (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	SERIES 39/40 = MPE-IV C.00.20 (CIPER) OR LATER SERIES 42 = MPE-V	
		055	HP MULTIPPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART # 32193-90002	MTS VERSION A.05.00 OR LATER (OPT. 055 ONLY)	
	2611A 2619A	340	PARALLEL DIFFERENTIAL	26069-60005 15 METRE	30079A GIC (AVAILABLE FROM CSY) 26069 I/O INCLUDED WITH PRINTER	SUPPLIED WITH PRINTER		FOR CABLES IN EXCESS OF 15 METRES, CONTACT BOISE DIV. MAX. LENGTH IS 500 FEET.
	2680A	340	HP-IB	8120-3449 HP-IB 8 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	SERIES 39/40 = MPE-IV C.00.20 (CIPER) OR LATER SERIES 42 = MPE-V	
	2687A	340	RS-232C	NONE	ADCC	92219G = 12.5 FEET (REQUIRED) 30062-60018 = 25 FEET (OPTIONAL EXTENSION) ORDER CABLES VIA CSO.	MPEIV-Q DELTA 2	SUPPORTED DATA RATES: ADCC = UP TO 9600bps. SUPPORTED CABLE LENGTHS UP TO: RS-232C = 50 FEET
	2688A	340	HP-IB	8120-3349 HP-IB 8 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	MPEIV-Q DELTA 2	



SYSTEM PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 3000 SERIES 44/48	2563A	049	RS-232-C	NONE	ADCC OR INP	92219G	MTS A.07.00 OR A.57.00	WHEN USED WITH 2333A
					ATP	92218D	MPE IV-Q DELTA 2	DIRECT CONNECT
		344	HP-IB	10833C HP-IB 4 METRE	GIC	SUPPLIED WITH PRINTER	MPE IV-Q DELTA 2	
		055	HP MULTIPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART # 32193-90002	MTS VERSION A.07.00 OR A.57.00 OR LATER	
	2608A	344	HP-IB	10833B HP-IB 2 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER		
	2608S	344	HP-IB	10833C HP-IB 4 METRE	30079A GIC (HIGH SPEED) (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	SERIES 44=MPE-IV (C.00.20) OR LATER SERIES 48=MPE V	
		055	HP MULTIPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART #32193-90002	MTS VERSION A.05.00 OR LATER	
	2611A 2619A	344	PARALLEL DIFFERENTIAL	26069-60002 1 METRE IN CPU 26069-60003 15 METRE	30079A GIC (AVAILABLE FROM CSY) 26069 I/O INCLUDED WITH PRINTER	SUPPLIED WITH PRINTER		CABLES IN EXCESS OF 15 METRES, CONTACT BOISE DIV. MAX. LENGTH IS 500 FEET.
	2680A	344	HP-IB	8120-3449 HP-IB 8 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	MIT C.00.20 OR LATER	
	2687A	344	RS-232C	NONE	ADCC	92219G = 12.5 FEET (REQUIRED). VIA CSO. 30062-60018 = 25 FEET (OPTIONAL EXTENSION). VIA CSO.	MPEIV-Q DELTA 2	SUPPORTED DATA RATES: ADCC = UP TO 9600bps ATP = UP TO 19.2Kbps
						ATP		
	344 & 001	RS-422	NONE	NONE	ATP	92216C = 16.7 FEET (REQUIRED). VIA CSO. 30154-60001 = 100 FEET (OPTIONAL EXTENSION). VIA CSO.	MPEIV-Q DELTA 2	SUPPORTED CABLE LENGTHS UP TO: RS-232C = 50 FEET RS-422 = 4000 FEET
2688A	344	HP-IB	8120-3349 HP-IB 8 METRE	30079A GIC AVAILABLE FROM CSY	SUPPLIED WITH PRINTER	MPEIV-Q DELTA 2		

SYSTEM PRINTERS

COMMERCIAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 3000 SERIES 64 & 68	2563A	049	RS-232-C	NONE	ADCC or INP	92219G	MTS A.07.00 OR A.57.00	WHEN USED WITH 2333A
					ATP	92218D	MPEIV-Q DELTA 2	DIRECT CONNECT
		364	HP-IB	10833C HP-IB 4 METRE	GIC	SUPPLIED WITH PRINTER		
		055	HP MULTIPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART # 32193-90002	MTS VERSION A.07.00 OR A.57.00 OR LATER	
	2608A	364	HP-IB	10833B HP-IB 2 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER		
	2608S	364	HP-IB	10833C HP-IB 4 METRE	30079A GIC (HIGH SPEED) (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	SERIES 64 = MPE-IV C.00.20 (CIPER) OR LATER SERIES 68 = MPE-V	
		055	HP MULTIPOINT	NONE	INP	SEE DSN/MTS REFERENCE MANUAL PART # 32193-90002	MTS VERSION A.05.00 OR LATER (OPT 055 ONLY)	
	2611A 2619A	364	PARALLEL DIFFERENTIAL	26069-60002 1 METRE IN CPU 26069-60003 15 METRES	30079A GIC (AVAILABLE FROM CSY) 26069 I/O INCLUDED WITH PRINTER	SUPPLIED WITH PRINTER		CABLES IN EXCESS OF 15 METRES, CONTACT BOISE DIV. MAX. LENGTH 500 FEET.
	2680A	364	HP-IB	8120-3449 HP-IB 8 METRE	30079A GIC (AVAILABLE FROM CSY)	SUPPLIED WITH PRINTER	SERIES 64 = MPE-IV C.00.20 OR LATER SERIES 68 = MPE-V	
	2687A	364	RS-232C	NONE	ATP	92218D = 16.7 FT. (REQUIRED). VIA CSO.	MPEIV-Q DELTA 2	SUPPORTED DATA RATES: ATP = UP TO 19.2Kbps SUPPORTED CABLE LENGTHS UP TO: RS-232C = 50 FEET RS-422 = 4000 FEET
		364 & 001	RS-422	NONE	ATP	92216C = 16.7 FEET (REQUIRED). VIA CSO. 30154-60001 = 100 FEET (OPTIONAL EXTENSION). VIA CSO.		
	2688A	364	HP-IB	8120-3349 HP-IB 8 METRE	30079A GIC AVAILABLE FROM CSY	SUPPLIED WITH PRINTER	MPEIV-Q DELTA 2	

SYSTEM PRINTERS

COMMERCIAL SYSTEMS

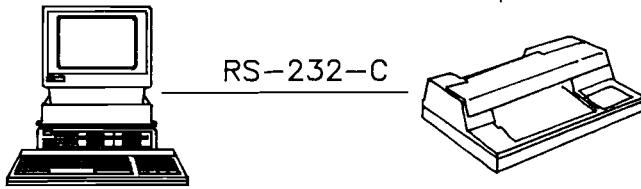
COMBINATIONS		PLOTTERS		HOST				NOTES
HOST	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	GRAPHICS SOFTWARE	
HP 250	7470A OPT 001	RS-232-C	NONE SENT. ORDER 17355A CABLE.	ASI	ORDER REQUIRED CABLE WITH PLOTTER. ORDER 31391 A/B/C EXTENSION IF REQUIRED.	250 O.S. STANDARD	DSG/250 GPL/250	DIRECT MODE ONLY: (NO EAVESDROP) - DSG/250 PROVIDES MENU DRIVEN GRAPHICS. - GPL/250 CONSISTS OF USER CALLABLE SUBROUTINES REQUIRING PROGRAMMING ABILITY.
HP 3000 SERIES I/II/III 3X 4X 6X	7470A OPT 001 & OPT 300 7475A OPT 001 7550A 7580B OPT 053 7585B OPT 053 7586B OPT 053	RS-232-C DIRECT	2m MALE-MALE CABLE 17355A STANDARD WITH 758X PLOTTERS	Series I/II/III REQUIRES ATC Series 3x REQUIRES ADCC Series 4X REQUIRES ADCC or ATP Series 6x REQUIRES ATP	DIRECT TO PLOTTER: ATC & ADCC: 747X - 17355A 7550A - 31391A 758X - PROVIDED ATP: 747X - 30152A & 17355A 7550A - 30152A 758X - 30152A & CABLE PROVIDED	MPE REV C.00.03 OR LATER	HP3000 BUSINESS GRAPHICS: EZCHART/3000 REV A.02 DSG/3000 REV A.03 HPDRAW/3000 REV A.02 USES AGL REV A3.01.* USER CALLABLE SUBROUTINES: ISPP REV. B (HP 17580B)	FOR DIRECT MODE MUST USE LDEV # OR FILE EQUATIONS. ROLL FEED SUPPORT ON 7586B PROVIDED BY ISPP (HP 17580B). SEE NOTE ON AGL REV A3.01.
	7470A OPT 001 & OPT 300 7475A OPT 001 7550A 7580B OPT 053 7585B OPT 053 7586B OPT 053	RS-232-C EAVESDROP	2m MALE-MALE CABLE 17355A STANDARD WITH 758X PLOTTERS	Series I/II/III REQUIRES ATC Series 3x REQUIRES ADCC Series 4X REQUIRES ADCC or ATP Series 6x REQUIRES ATP	EAVESDROP: ATC & ADCC: 747X - 31391A & 17455A 7550A - 31391A 758X - PROVIDED ATP: 747X - 30152A & 17455A 7550A - 30152A 758X - 30152A & CABLE PROVIDED	MPE REV C.00.03 OR LATER	HP 3000 BUSINESS GRAPHICS: EZCHART/3000 REV A.02 DSG/3000 REV A.03 HPDRAW/3000 REV A.02 USES AGL REV A3.01.* USER CALLABLE SUBROUTINES: ISPP REV. B (HP 17580B)	FOR EAVESDROP MODE MUST ALSO ORDER REQUIRED TERMINAL CABLE. ROLL FEED SUPPORT ON 7586B PROVIDED BY ISPP (HP 17580B). SEE AGL REV A3.01 NOTE. PLOTTER HANG PROBLEM WITH HP 3000 BUSINESS GRAPHICS, ATP, & 758X PLOTTERS IN EAVESDROP MODE.
	7470A OPT 002 7475A OPT 002 7550A 7580B OPT 053 7585B OPT 053 7586B OPT 053	HP-IB (SLAVED FROM TERMINALS: 2647F/48A, 2625A/28A, HP 2703A, HP 150 WITH REV B FIRMWARE TO PLOTTER)	NONE	HP 3000 INTERFACE: I/II/III - ATC 3X - ADCC 4X - ADCC or ATP 6X - ATP TERMINAL HP-IB INTERFACE: TERMINAL - ORDER 2648A: 13296A 2625A:OPT 523&026 2628A:OPT 523&046 2703A: OPT 096	FOR RS-232 TO HP 3000: ORDER REQUIRED TERMINAL CABLE. FOR HP-IB PLOTTER TO TERMINAL: ORDER CABLE 10833 A/B/C (INCLUDED WITH 2647F/48A ONLY)	MPE REV C.00.03 OR LATER	HP 3000 BUSINESS GRAPHICS: EZCHART/3000 REV A.02 DSG/3000 REV A.03 HPDRAW/3000 REV A.02 USES AGL REV A3.01*	HP 3000 BUSINESS GRAPHICS ONLY SUPPORTS HP-IB PLOTTERS WHEN PLOTTER SLAVED OFF SPECIFIED TERMINAL. PLOTTER PERFORMANCE IS DEGRADED IN THIS CONFIGURATION.
HP 3000 NOTES:	* AGL REV A3.01 NOTES: - 7550A SHEET FEED NOT FULLY SUPPORTED - 7586B ROLL FEED NOT SUPPORTED		* HPDRAW SUPPORTED TERMINALS: 2623A/27A, 2625A/28A OPT 523, 2647F/48A, HP 2703, HP 150 (HP-IB REQUIRES REV. B FIRMWARE)		* DSG/EZCHART SUPPORTED TERMINALS: 2382A/92A, 262X EXCEPT 2621, 264X, 2647F & HP2703 (HP-IB PLOTTER ONLY) HP 150 (HP-IB REQUIRES REV B. FIRMWARE)		SEE TERMINALS SECTION FOR REQUIRED TERMINAL CABLE.	

PLOTTERS

COMMERCIAL SYSTEMS

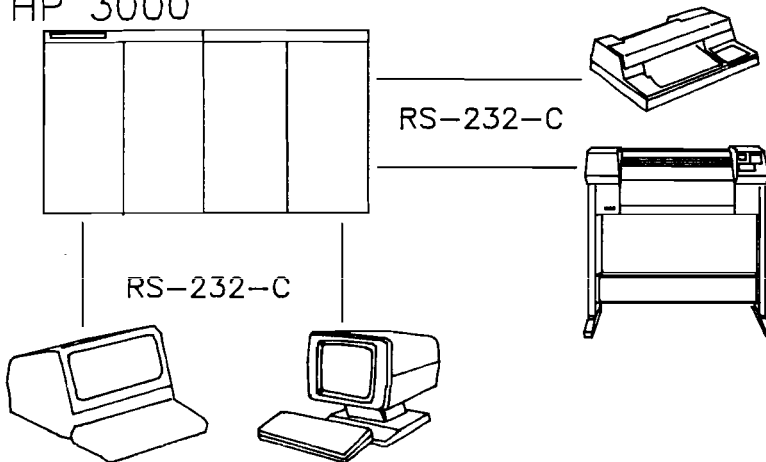
HP 3000 & HP 150 RS-232-C Direct Connection

HP 150 with RS-232-C plotters (also supports HP-IB)



CABLING:
7470A/75A OPT 001: use 13242G
(5 m, male-male)
7550A: use 17755A
(1 m, male-female)

HP 3000



CABLING:
ATC & ADCC:
7470A/75A OPT 001: use 17355A
(2 m, male-male)
7550A: use 31391A
(5 m, male-female)
7580B/85B/86B:
use 17355A (Included with plotter)
(2 m, male-male)

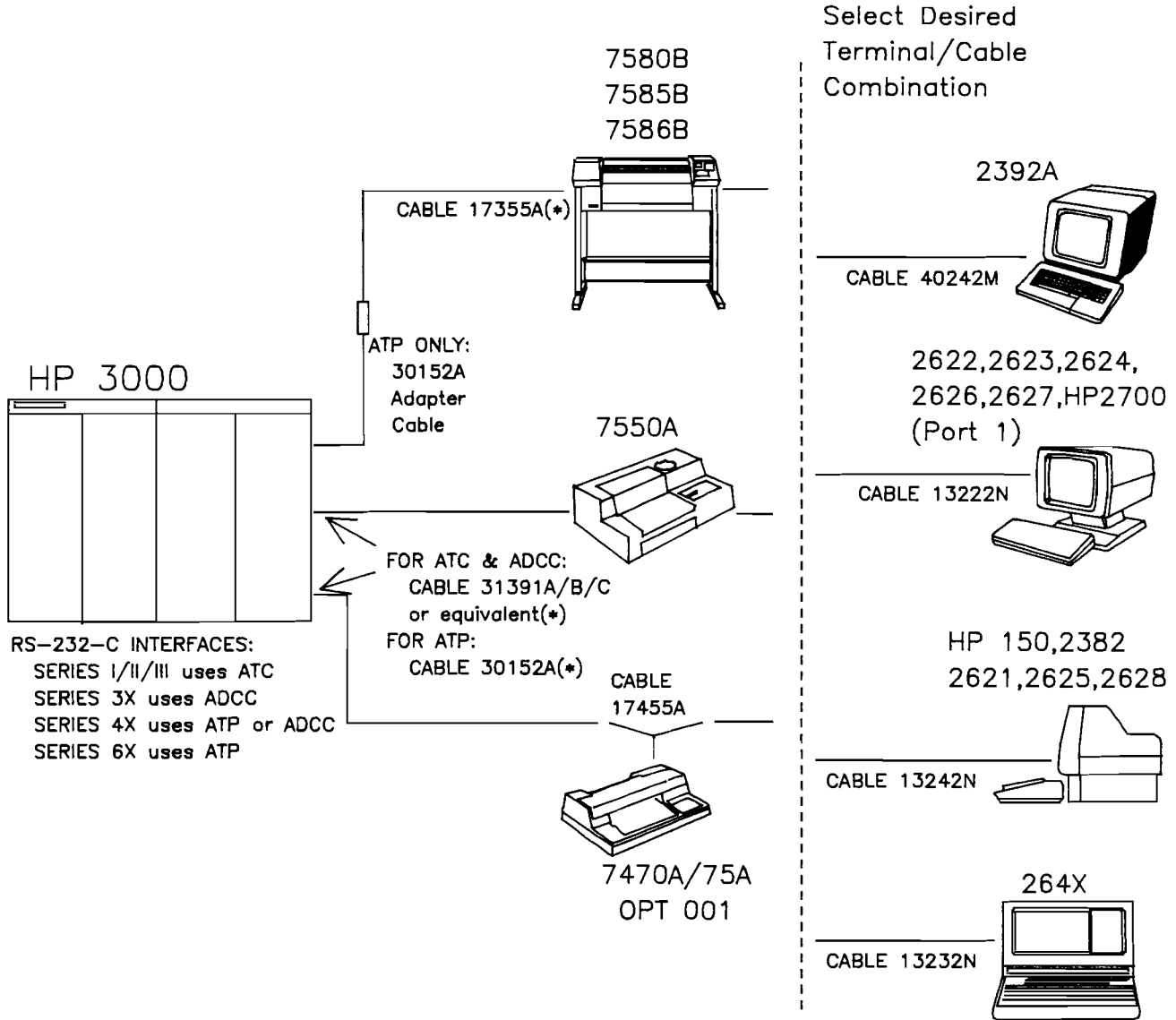
ATP:
7470A/75A OPT 001:
use 30152A & 17355A
(ATP Adapter Cable (5 m) &
2 m, male-male)
7550A: use 30152A
(ATP Adapter Cable (5 m))
7580B/85B/86B:
use 30152A & Provided 17355A
(ATP Adapter Cable (5 m) &
2 m, male-male)

**FOR LONGER DISTANCES USE
RS-232-C EXTENSION CABLES
31391A/B/C or 30062C/D
or equivalent

HP 3000 NOTES:

- *REQUIRES AT LEAST 2 PORTS
- *ALLOWS MULTIPLE USERS
- *NO SPOOLING PROVIDED BY HP GRAPHICS PACKAGES
HPDRAW ALLOWS USE OF EDITOR (ROSTER) FILE
DSG WILL PLOT ENTIRE FILE
- *MUST USE LDEV #

HP 3000 RS-232-C Eavesdrop Connection



EAVESDROP NOTES:

- SINGLE USER
- REMOTE CONNECT SAVES MODEMS/PHONE LINES/PORTS
- LOCAL CONNECT SAVES PORTS
- 7470A/75A OPT 001 PLOTTERS:
REQUIRES 17455A CABLE
- 7550A PLOTTER:
NO EXTRA CABLE REQUIRED
- 7580B/85B/86B PLOTTERS:
CABLE 17355A INCLUDED
- REQUIRES PLOTTER POWER ON
WHETHER PLOTTING OR NOT
- TERMINAL LOCKED OUT WHEN PLOTTING

CABLING NOTES:

- 17355A (2 m, male-male)
(standard with 7580B/85B/86B)
- 13222N (5 m, male-male)
- 13232N (4.5 m, male-male)
- 13242N (5 m, male-male)
- 40242M (5 m, male-male)
- 31391A/B/C (5/10/15 m, male-female) for ATC & ADCC
- 30152A (5 m, male(3 pin)-female(25 pin)) for ATP
- (*) FOR RS-232-C EXTENSION USE
31391 A/B/C or 3006C/D or equivalent













COMBINATIONS		TABLET		HOST				NOTES
HOST	GRAPHICS TABLET	INTERFACE TYPE	CABLE SENT WITH TABLET	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	TABLET SOFTWARE	
HP 3000 SERIES I/II/III 3X,4X,6X	17623A with 2623 or 2627 TERMINAL	SPECIAL KEYBOARD INTERFACE ON BACK OF TERMINAL	ALL CABLES REQUIRED FOR INTERFACE WITH TERMINAL ARE INCLUDED	Series I/II/III REQUIRES ATC Series 3x REQUIRES ADCC Series 4x REQUIRES ADCC or ATP Series 6x REQUIRES ATP	ORDER CABLE 13222N OR EQUIVALENT FOR TERMINAL TO HP 3000	MPE REV C.00.03 OR LATER	17623A ONLY SUPPORTED BY HPDRAW AND ONLY ON 2623/2627 TERMINALS	TABLET USEFUL FOR INPUTING (DIGITIZING) EXISTING DRAWINGS, SKETCHING, GRAPHICS CURSOR POSITIONING, AND SOFTKEY SELECTION.
HP 3000 SERIES III, 3X,4X,6X with 2680	9111A with 2647F or 2648A TERMINAL	HP-IB FROM TERMINAL TO TABLET RS-232 FROM TERMINAL TO HP 3000	NONE	HP 3000 INTERFACE III - ATC 3X - ADCC 4X - ADCC or ATP 6X - ATP TERMINAL HP-IB (13296A) REQD. FOR 2648A, STD. WITH 2647F	FOR RS-232 TO HP 3000: ORDER 13232N OR EQUIVALENT. FOR HP-IB TO TERMINAL: 1 CABLE STD WITH HP-IB INTERFACE; ORDER EXTRA AS NEEDED.	FOS MIT C.00.20(CIPER)	IDS/3000 IDSCHAR SUPPORTS TABLET FOR CUSTOM CHARACTER DESIGN	TABLET ONLY NEEDED WHEN NON-STANDARD CHARACTERS ARE REQUIRED. SEE 2680 FOR MORE DETAILS.

TABLETS

COMMERCIAL SYSTEMS



PERIPHERAL CONFIGURATION GUIDE

workstation printers						
plotters						



262X TERMINALS
264X TERMINALS
2700

TERMINALS

COMBINATIONS		PRINTER			TERMINAL			NOTES
TERMINAL	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON TERMINAL	CABLE REQUIREMENTS	TERMINAL ALSO REQUIRES	
2623A 2624A/B 2626A/W 2627A	2601A	242	RS-232C	13242G	USES TERMINAL PORT 2	COMES WITH PRINTER		
	2602A	STD	RS-232C	NONE	USES TERMINAL PORT 2	13242G	--	--
	2671A/G 2673A	040						
	2932A 2933A/34A	STD						
2625A	2602A	046	HP-IB		OPTION 026 (HP-IB PORT)	10833A, B, C, OR D		
	2671A/G 2673A	STD						
	2932A 2933A/34A	046						
	82905B 82906A	001- 100V 002- 120V 003- 220V 004- 240V						

WORKSTATION PRINTERS

TERMINALS

COMBINATIONS		PRINTER			TERMINAL			NOTES			
TERMINAL	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON TERMINAL	CABLE REQUIREMENTS	TERMINAL ALSO REQUIRES				
2645A 2647F	2601A	STD	RS-232C	2601A CABLE (NOT USED)	13250B SERIAL PRINTER INTERFACE	ORDER 13232G	13261A DEVICE SUPPORT FIRMWARE, OR TAPE DRIVES, REQUIRED ON 2645A	SUPPORTED ONLY AT 300 BAUD DUE TO LACK OF HANDSHAKING			
	2602A (2647F ONLY)	046	HP-IB (ON 2647F ONLY)	NONE	HP-IB INTERFACE STANDARD ON 2647F, NOT AVAILABLE ON 2645A	HP-IB CABLE COMES WITH 2647 F		GRAPHICS CAN DUMP ONLY ON HP-IB INTERFACE			
	2932A 2933A/34A								STD	RS-232C	
	2671A/G 2673A	040	240		8 BIT PARALLEL	13232J (1.8 METRE)			13238A DUPLEX REGISTER INTERFACE FOR TERMINAL SHIPPED WITH PRINTER	COMES WITH PRINTER	HP-IB NOT SUPPORTED ON 2645A
			STD		HP-IB	NONE			HP-IB INTERFACE STANDARD ON 2647F, NOT AVAILABLE ON 2645A	HP-IB CABLE COMES WITH 2647F	
											2671A/G 2673A
2700	2932A 2933A/34A	046	HP-IB		NONE	2700 REQUIRES OPTION 096 (HP-IB INTERFACE)	ORDER 10833A/B/C/D		HP-IB INTERFACE CAN BE ADDED TO THE 2700 IN THE FIELD BY ORDERING 13273H		

WORKSTATION PRINTERS

TERMINALS

COMBINATIONS		PRINTER			TERMINAL			NOTES			
TERMINAL	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON TERMINAL	CABLE REQUIREMENTS	TERMINAL ALSO REQUIRES				
2628A	2601A	242	RS-232C	13242G	USES TERMINAL PORT 2	COMES WITH PRINTER	--	HP-IB REQUIRED TO PRINT GRAPHICS			
	2602A	STD	RS-232C	NONE	USES TERMINAL PORT 2	13242G					
		046	HP-IB		OPT 046 (HP-IB PORT)	10833A, B, C, OR D					
	2671A/G 2673A	STD			RS-232C	USES TERMINAL PORT 2			13242G		
		040	USES TERMINAL PORT 2			13242G					
	2932A 2933A/34A	STD	HP-IB		OPT 046 (HP-IB PORT)	10833A, B, C, OR D					
		046			USES TERMINAL PORT 2	13242G					
	82906A	001 002 003 004	HP-IB		RS-232C	USES TERMINAL PORT 2			13242G		
										82905B	140 240 340 440

SUPPORTED BY
HPWORD III ONLY**WORKSTATION PRINTERS****TERMINALS**












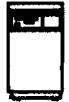








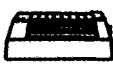







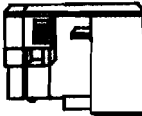













COMBINATIONS		PLOTTERS		HOST				NOTES
TERMINAL	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON TERMINAL	CABLE REQUIRED	TERMINAL ALSO REQUIRES	GRAPHICS SOFTWARE	
262X 2382A 2392A	7470A OPT 001 7475A OPT 001 7550A 7580B 7585B 7586B	RS-232C EAVESDROP ONLY	2m MALE- MALE CABLE 17355A STD. WITH 758X PLOTTERS. ORDER 17455A FOR 747X PLOTTERS.	RS-232C INTERFACE STANDARD	262X: (EXCEPT 2621) ORDER 13222N. 2621 & 2382: ORDER 13242N. 2392A: ORDER 40242M.	--	SEE DESIRED HOST	HP 3000 BUSINESS GRAPHICS SOFTWARE DOES NOT SUPPORT THE 2621.
2645A 2647F 2648A	7470A OPT 001 7475A OPT 001 7550A 7580B 7585B 7586B	RS-232C EAVESDROP ONLY	2m MALE- MALE CABLE 17355A STD. WITH 758X PLOTTERS. ORDER 17455A FOR 747X PLOTTERS.	RS-232C INTERFACE STANDARD	ORDER 13232N	--	SEE DESIRED HOST	2647F NOT SUPPORTED FOR EAVESDROP BY HP 3000 BUSINESS GRAPHICS WITH AGL REV. A3.01
2647F 2648A	7470A OPT 002 7475A OPT 002 7550A 7580B 7585B 7586B	HP-IB	NONE	HP-IB INTERFACE STANDARD	HP-IB TERMINAL TO PLOTTER: ONE HP-IB CABLE COMES WITH INTERFACE. ORDER EXTRA 10833A/B/C AS NEEDED.	TO BE USED AS A TERMINAL ORDER 13232N CABLE FOR RS-232C INTERFACE. NOT NECESSARY WHEN USING 2647F STANDALONE.	FOR TERMINAL USE SEE DESIRED HOST. 2647F STANDALONE SOFTWARE FOR HP-IB 9872C PLOTTER: - AUTO PLOT/47 - GRAPHICS PRESEN- TATIONS PAC/47	SEE DESIRED HOST. AUTO PLOT/47 (02647-13401) GRAPHICS PAC (13257G)
HP 150 TERMINAL	7470A OPT 001 7475A OPT 001 7550A 7580B/85B/86B	RS-232-C EAVESDROP	2m MALE- MALE CABLE 17355A STD. WITH 758X. USE 17455A FOR 747X.	RS-232-C STANDARD FOR PCRT 1.	ORDER 13242N.	--	SEE DESIRED HOST	SEE HP PERSONAL COMPUTER SECTION FOR DETAILS ON HP 150 PC USE WITH R-232-C PLOTTER
	7470A OPT 002 7475A OPT 002 7550A 7580B/85B/86B	HP-IB SLAVED	NONE	HP-IB STANDARD. USE PORT 1 FOR HP 150 TO HOST.	ORDER 10833A/B/C FOR PLOTTER. ORDER 13242N FOR HP 150 TO HOST.	HP 150 REV. B FIRMWARE REQD. FOR HP-IB SLAVED PLOTTER.	SEE DESIRED HOST	SEE HP PERSONAL COMPUTER SECTION FOR DETAILS ON HP 150 PC USE WITH HP-IB PLOTTER
HP 2700 TERMINALS: 2703A 2703A #555	7470A OPT 001 7475A OPT 001 7580B/85B/86B	RS-232-C	2m MALE- MALE CABLE 17355A STD. WITH 758X.	2 RS-232-C PORTS STANDARD. PORT 1: CATACOM PORT 2: PLOTTER	PORT 1 USE 13222N PORT 2 USE 13242G	--	FOR TERMINAL USE SEE DESIRED HOST STANDALONE: FOR 2703A #560: AUTO PLOT/2700	EAVESDROP NOT SUPPORTED BY HP 3000 BUSINESS GRAPHICS USING AGL REV A3.01 WITH 2703A
	STANDALONE: 2703A #560 2703A #565	7470A OPT 002 7475A OPT 002 7580B/85B/86B	HP-IB	NONE	FOR HP-IB ORDER OPT 096 (13273H)	PORT 1 USE 13222N HP-IB USE 10833A/B/C	--	STANDALONE FOR 2703A #565: AUTO PLOT/2700 PAINTBRUSH/2700 PRESENTATION/2700

PLOTTERS

TERMINALS



PERIPHERAL CONFIGURATION GUIDE

workstation discs						
system discs						
tape drives						
workstation printers						
system printers						
plotters						
tablets						



HP1000

TECHNICAL SYSTEMS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
1000 E,F SERIES	9895A	2/HP-IB INTERFACE	HP-IB	NONE	12821A (HP-IB CABLE INCLUDED)	DISC DRIVER; DVA 32 (INCLUDED WITH: RTE-IVB, RTE-IVE, RTE-6VM)	--
1000 A,L SERIES	9121D/S 9133V #004 913xXV opt. 010 9895A	2/HP-IB INTERFACE	HP-IB	NONE	12009A (HP-IB CABLE INCLUDED)	INTERFACE DRIVER ID.37 DEVICE DRIVER DD.30 INCLUDED WITH:RTE-XL, RTE-A	913xXV OPT. 010 IS SUPPORTED ONLY WITH RTE-A

WORKSTATION DISCS

TECHNICAL SYSTEMS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE *	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
1000 E,F SERIES	9885	1 MASTER/INTERFACE	PARALLEL	NONE	12735-60001 INTERFACE, 12735-60002 INTERFACE, AND 12735-60003 CABLE ARE REQUIRED.	DVR 33	
1000 A,L SERIES	9133A/B 9134A/B	2/HP-IB INTERFACE	HP-IB	NONE	12009A (HP-IB CABLE INCLUDED)	INTERFACE DRIVER ID.37 DEVICE DRIVER DD.30 INCLUDED WITH:RTE-XL, RTE-A	

* 913xA/B ARE OBSOLETE

OBSOLETE WORKSTATION DISCS _____ TECHNICAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
1000 SERIES A/L	7908P/R* 7911P/R* 7912P/R* 7914P/R* 7914TD+	4 MAX PER I/F (7908/11 12/14)	NONE	10833B (HP-IB) 2m 10833A (HP-IB) 1m** 10833A (HP-IB) 1m** 10833A (HP-IB) 1m**	12009A OPTION 001 (INCLUDED WITH CPU ON SYSTEM ORDERS)	4m (13 FT.) HP-IB SENT WITH I/F CARD	**NOTE: CUMULATIVE CABLE LENGTH CPU TO LAST DISC = 10m MAX.	SERIES L REQUIRES RTE-XL SERIES A REQUIRES RTE-A
	7906H****	2 MAX PER I/F	NONE	10833B (HP-IB) 2m	12009A OPTION 001 (INCLUDED WITH CPU ON SYSTEM ORDERS)	4m (13 FT.) HP-IB SENT WITH I/F CARD	**NOTE: CUMULATIVE CABLE LENGTH CPU TO LAST DISC = 10m MAX.	SERIES L REQUIRES RTE-L/XL SERIES A REQUIRES RTE-A
1000 SERIES A	7933H 7935H***	4 MAX PER I/F	NONE	10833A (HP-IB) 1m	12009A	SAME AS ABOVE		REQUIRES RTE-A PCO B.83
1000 SERIES E/F 40,45 60,65	7906H++ 7906HR 7920H 7925H	2 MAX PER I/F	NONE	10833B (HP-IB) 2m	12821A (MAX. 2 I/F CARDS - ORDER FROM RND) 2 DISCS/ INTERFACE	3.7m (12 FT.) HP-IB SENT WITH I/F CARD	**NOTE: CUMULATIVE CABLE LENGTH CPU TO LAST DISC = 10m MAX.	REQUIRES RTE-IVB OR RTE-VM

*NOTE: 7908R/11R/12R/14R AVAILABLE ON SERIES A, MODEL 26 (A-600+), MODEL 27 (A700) AND MODEL 29 (A900)

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY. MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.)

***SOFTWARE DISTRIBUTION NOT AVAILABLE ON 7935H DISC PACK. 7935H NOT SUPPORTED AS SYSTEM PRIMARY, ONLY AS AN ADDITIONAL SYSTEM OR PERIPHERAL DISC.

****SUPPORTED AS AUXILIARY DISC ONLY.

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E, WITH ITS OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN SEPARATE HP-IB CABLING.

++CONSULT LOCAL SEQ. DATA OVERRUN ERRORS MAY OCCUR WHEN USED WITH CS/80 (7908/11/12/14/33/35) PRODUCTS ON THE SAME SYSTEM.

COMBINATIONS		SYSTEM DISC			SYSTEM				
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS	
1000 SERIES E/F MODELS 60 & 65	7908P/R 7911P/R 7912P/R 7914P/R 7914TD+	4 MAX PER I/F	NONE	10833B (HP-IB) 2m 10833A (HP-IB) 1m** 10833A (HP-IB) 1m** 10833A (HP-IB) 1m**	12821A OPT.001*** MAX. 2 I/F CARDS (ORDER FROM RND) 4 DISCS MAX./INTERFACE	3.7m (12 F... HP-IB CABLE SENT WITH I/F CARD	**NOTE: CUMULATIVE CABLE LENGTH CPU TO LAST DISC = 10m MAX.	REQUIRES RTE-6/VM	
	7906M/MR 7920M 7925M	1 MAX PER I/F 2 TOTAL	NONE	MULTI-UNIT & DATA CABLE INTERNAL	13175D (ORDER FROM DMD) MAX. 1 MASTER DISC/INTERFACE CARD	5.5m (18 FT.) SENT WITH I/F CARD	5.5m (18 FT.)	REQUIRES RTE-6/VM	
	7906S/SR 7920S 7925S	7 MAX PER 7906/20/25M (7 SLAVES)	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m					
	7933H 7935H	4 MAX PER I/F	NONE	10833A (HP-IB) 1m	12821A OPT.001*** MAX. 2 I/F CARDS 4 DISCS/INTERFACE	3.7m (12 FT.) HP-IB CABLE SENT WITH I/F CARD	***NOTE: SAME AS 12821A ABOVE	REQUIRES RTE-6/VM	

*NOTE: OPTIONAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY. MUST CONSIDER FOR THE CONFIGURATION I.E., HP-IB LOADING REQUIREMENTS.

***NOTE: DO NOT MIX ICD SERIES (7906/20/25H) AND CS80 DISCS (7908/11/12/14/33/35) ON THE SAME CARD.

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E WITH ITS OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN CABLING.

SYSTEM DISCS

TECHNICAL SYSTEMS

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
1000 SERIES M/E/F MODELS 40,45	7906M/MR 7920M 7925M	1 MAX PER I/F 2 TOTAL	NONE	MULTI-UNIT & DATA CABLE INTERNAL	13175D (ORDER FROM DMD) MAX 1 MASTER/INTERFACE CARD	5.5m (18 FT.)	5.5m (18 FT.)	REQUIRES RTE-IVB
	7906S/SR 7920S 7925S	7 MAX PER 7906/20/25M (7 SLAVES)	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m				
MULTI-CPU 1000 SERIES E/F MODELS 40,45, 60,65 MAX. 8 CPU'S	7906M/MR 7920M 7925M	1 MAX PER I/F 2 TOTAL	NONE	MULTI-UNIT & DATA CABLE INTERNAL	MASTER CPU - 13175D (ORDER FROM DMD)	5.5m (18 FT.) SENT WITH I/F CARD		REQUIRES RTE-IVB OR RTE-6/VM**
	7906S/SR 7920S 7925S	7 MAX PER 7906/20/25M (7 SLAVES)	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m	ALL OTHER CPU'S 13178D (ORDER FROM DMD)	TEE CONNECTOR 1.8m (6 FT.) I/F CABLE 2.4m (8 FT.) MULTI-CPU CABLE* CABLES SENT WITH I/F CARD		

*NOTE: OPTIONAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**NOTE: SHARED ACCESS TO ALL DISC DOMAINS REQUIRES RTE-6/VM AND DATASHARE/1000.

+NOTE: A MAXIMUM OF 2 DISC INTERFACES ARE SUPPORTED IN THE RTE-IVB OR RTE-6/VM PRIMARY SYSTEM. DRIVERS FOR MORE DISC INTERFACES CAN BE GENERATED INTO EITHER RTE-IVB OR RTE-6/VM TO SUPPORT MORE DRIVES. HOWEVER, THE ABILITY TO CONNECT MULTIPLE DISC INTERFACES TO THE SYSTEM DOES NOT NECESSARILY MEAN THAT 2 DISC INTERFACES CAN ACCESS MEMORY SIMULTANEOUSLY VIA DCPC. IF THE AGGREGATE DATA RATE EXCEEDS THE CAPABILITY OF THE MEMORY SYSTEM, DATA LOSS CAN RESULT.

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
1000 A SERIES	7906MR 7906M 7920M 7925M	1 PER I/F	102	2m HP-IB MULTI-UNIT AND DATA CABLE INTERNAL	12009A OPT.001	4m (13 FT.) HP-IB SENT WITH I/F CARD	10m	SERIES A REQUIRES RTE-A A.84 PCO
	7906SR 7906S 7920S 7925S	7 MAX PER 7906M 7920M 7925M OPT. 102	MASTER DISC OPT. 102	13013-003 (MULTI-UNIT) 2.4m 13213-002 (DATA CABLE) 15.2m				
1000 A SERIES MULTI CPU (MAX 3 CPU'S PER 13037 OPT. 050)	7906MR 7906M 7920M 7925M	1 PER I/F	13037 OPT. 050 13366A I/F CABLE (10m) OR 13366A OPT. 001 I/F CABLE (20m) (THE 13366A IS REQUIRED TO CONNECT TO 13037 OPT. 050 TO THE MAC DISC CONTROLLER	MULTI-UNIT AND DATA CABLE INTERNAL	12745D AND 12009A OPT. 001 FOR EACH A SERIES CPU (UP TO 3 12745 I/F CARDS CAN BE INSTALLED IN ONE 13037 OPT. 050 BOX)	4m (13 FT.) HP-IB SENT WITH I/F CARD	10m	
	7906SR 7906S 7920S 7925S	7 MAX PER 7906 7920M 7925M MASTER DISC		13013B-003 (MULTI-UNIT) 2.4m 13213B-002 (DATA CABLE) 15.2m				

COMBINATIONS		TAPE DRIVE			HOST		NOTES
SYSTEM	TAPE DRIVE	MAXIMUM NUMBER	INTERFACE TYPE	CABLE SENT WITH TAPE DRIVE	SYSTEM INTERFACE	SYSTEM REQUIREMENTS	
1000 SERIES MEF	7970B 7970BR	8	PARALLEL DIFFERENTIAL	INITIAL DRIVE: 13181B 15 FT. ADD-ON: MULTI-UNIT 20 FT.	13181B	2 INTERFACE CARDS SENT WITH INITIAL DRIVE. MAXIMUM 4 DRIVES PER CONTROLLER	THERE ARE NO 7970B SLAVES
	7970E 7970ER	8	PARALLEL DIFFERENTIAL	MASTER: 13183B 15 FT. ADD-ON: MULTI-UNIT 20 FT. SLAVE: MULTI-UNIT 20 FT.	13183B	2 INTERFACE CARDS SENT WITH INITIAL DRIVE. MAXIMUM 4 DRIVES PER CONTROLLER	EACH MASTER CAN CONTROL UP TO 3 SLAVES
	7974A	2	HP-IB	HP-IB 2M.	12821A	REQUIRES SPECIAL 93741A DRIVER AND RTE-6/VM	
	7976A (Nt)	1	HP-IB	HP-IB 2M.	12821A	REQUIRES SPECIAL 93577M DRIVER AND RTE-IVB OR RTE-6/VM	LOCAL SEO & CEO MUST APPROVE SALE
	7978A	1	HP-IB	HP-IB 2M.	12821A	REQUIRES SPECIAL 93741A DRIVER AND RTE-6/VM	
	COMBINING 797X	9 TOTAL					
1000 A SERIES	7970E 7970ER	2	HP-IB	HP-IB 2M.	12009A		SLAVES ARE NOT SUPPORTED
	7974A	2	HP-IB	HP-IB 2M.	12009A	REQUIRES A.84 VERSION OF RTE-A	PERFORMANCE IMPROVEMENTS PLANNED WITH B.84
	7976A (Nt)	1	HP-IB	HP-IB 2M.	12009A	REQUIRES SPECIAL 93698L DRIVER AND RTE-A	LOCAL SEO AND CEO MUST APPROVE SALE
	9144A	1	HP-IB CS80	NONE	12009A	REQUIRES A.84 VERSION OF RTE-A	PERFORMANCE IMPROVEMENTS PLANNED WITH B.84

SEE APPENDIX A FOR OPTION NUMBERS AND CABINET STYLES

Nt = NOT TESTED

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 1000 M/E/F	2601A	STD	RS-232C	2601 CABLE	12792B MULTIPLEXER CHANNEL FROM RND	COMES WITH PRINTER	DRIVER DDV12 FROM DSD	SUPPORTED ONLY AT 300 BAUD DUE TO LACK OF HANDSHAKING PROTOCOL. DATA LOSS CAN OCCUR DUE TO PAPER OUT, BUFFER OVERFLOW, ETC.
HP 1000 M/E/F	2932A 2933/34A	STD	RS-232C LOCAL	NONE	12792B MULTIPLEXER CHANNEL (FROM RND)	92219G	DRIVER DDV12	THIS INTERFACE COMBINATION IS FOR LOCAL CONNECTION ONLY



WORKSTATION PRINTERS _____ **TECHNICAL SYSTEMS**

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 1000A/L	2601A	STD	RS-232C	2601 CABLE (NOT USED)	12005B + OPT. 002 (FROM RND)	INCLUDED WITH 12005B OPT 002 INTERFACE	ASYNCHRONOUS INTERFACE DRIVER ID.00 DEVICE DRIVER DD.00	SUPPORTED ONLY AT 300 BAUD DUE TO LACK OF HANDSHAKING PROTOCOL. DATA LOSS CAN OCCUR DUE TO PAPER OUT, BUFFER OVERFLOW, ETC.
				2601 CABLE	12040B MULTIPLEXER CHANNEL (FROM RND)	COMES WITH PRINTER		
HP 1000A/L	2932A 2933A/34A	046	HP-IB	NONE	12009A HP-IB INTERFACE (FROM RND)	10833A/B/C/D	HP-IB INTERFACE DRIVER ID.37 & DEVICE DRIVER DD.12	THIS IS THE RECOMMENDED INTERFACE OPTION
		STD	RS-232C LOCAL	NONE	12040B MULTIPLEXER CHANNEL (FROM RND)	92219G	ASYNCHRONOUS INTERFACE DRIVER ID.00 & DEVICE DRIVER DD.00	THIS INTERFACE COMBINATION IS FOR LOCAL CONNECTOR ONLY
	--	--	--	--	--	--	--	--
HP 1000A/L	2671A/G 2673A	STD	HP-IB	NONE	12009A HP-IB INTERFACE AND CABLE FROM RND	INCLUDED WITH 12009A INTERFACE	HP-IB INTERFACE DRIVER ID.37 & DEVICE DRIVER (SEE NOTES)	WHILE THERE IS NO DEVICE DRIVER SPECIFICALLY FOR THE 267XA/G, THE 2631B PRINTER DEVICE DRIVER DD.12 WILL SUPPORT ALPHA-NUMERIC PRINT CAPABILITIES ON THE 267XA/G. GRAPHICS/1000 SOFTWARE DOES NOT SUPPORT THE 2671G OR 2673A GRAPHICS CAPABILITY.
HP 1000A/L	82905B 82906A	001-100V 002-120V 003-220V 004-240V	HP-IB	NONE	12009A HP-IB INTERFACE AND CABLE (FROM RND)	INCLUDED WITH 12009A INTERFACE	USES INTERFACE DRIVER ID.37 ONLY	THERE IS NO DEVICE DRIVER FOR THE 82905B & 82906A ALPHANUMERIC PRINT CAPABILITIES ONLY (NO GRAPHICS)

WORKSTATION PRINTERS

TECHNICAL SYSTEMS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
HP 1000 M,E,F	2563A	049	RS-232-C	NONE	12792B(MUX)	92219G	RTE-4B OR RTE-6/VM	
		210	HP-IB	10833C HP-IB 4 METRE	12821A OPT 001 (HP-IB CARD) NOT SUPPLIED WITH PRINTER	SUPPLIED WITH PRINTER	RTE-4B OR RTE-6/VM	12821A NOT INCLUDED WITH OPTION #210
	2608A	210	PARALLEL DIFFERENTIAL	26099- 60002 25 FT.	26099A I/F SUPPLIED WITH PRINTER	SUPPLIED WITH PRINTER	RTE-4B OR RTE-6/VM	SUPPORTED BY GRAPHICS 1000 II. FOR CABLES IN EXCESS OF 25 FEET CONTACT BOISE DIV. MAX LENGTH IS 500 FEET.
	2608S	210	HP-IB	10833C HP-IB 4 METRE	12821A OPT 001 I/F SUPPLIED WITH PRINTER AS OF 1/1/83	SUPPLIED WITH PRINTER	RTE-4B OR RTE-6/VM	SUPPORTED BY GRAPHICS 1000-II
	2611A 2619A	100 (SEE NOTES)	PARALLEL DIFFERENTIAL	12845-60006 25 FEET	12845B SUPPLIED WITH OPT 100 PRINTER	SUPPLIED WITH PRINTER	RTE-4B OR RTE-6/VM	NOT SUPPORTED ON NEW SYSTEMS AFTER 10/1/83 DOES NOT COMPLY WITH NEW FCC REGULATIONS
	2687A 2688A							
HP 1000 A SERIES	2563A	049	RS-232-C	NONE	12040B OR 12005B OPT 003 AVAILABLE FROM RND	92219G	RTE-A	WORKSTATION PRINTER
		214	HP-IB	10833C HP-IB 4 METRE	12009A I/F AVAILABLE FROM RND	SUPPLIED WITH PRINTER	RTE-A	12009A NOT INCLUDED WITH OPTION #214
	2608S	214	HP-IB	10833C HP-IB 4 METRE	12009A I/F AVAILABLE FROM RND	SUPPLIED WITH PRINTER	RTE-A	CABLE LENGTH OF 500 FT. SUPPORTED USING CO-AX HP-IB EXTENDERS
	2680A	301	HP-IB	8120-3449 HP-IB 8 METRE	CONTACT DSD FOR SPECIAL DRIVER REQUIREMENTS	SUPPLIED WITH PRINTER	CONTACT DSD SPECIALS ENGINEERING	SUPPORTED VIA SPECIAL DRIVER AVAILABLE FROM DSD. CONTACT DSD FOR DETAILS.
	2687A	214	RS-232-C	NONE	12040B MUX AVAILABLE FROM RND	92219G	RTE-A C.83 PCO CYCLE	
	2688A						CONTACT DSD SPECIALS ENGINEERING	SUPPORT VIA SPECIAL DSD DRIVER

SYSTEM PRINTERS

TECHNICAL SYSTEMS

COMBINATIONS		PLOTTERS		HOST				NOTES
HOST	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	GRAPHICS SOFTWARE	
HP 1000 A/L	7470A OPT 002 7475A OPT 002* 7550A* 7580B OPT 060 7585B OPT 060 7586B OPT 060*	HP-IB	NONE	12009A	ONE CABLE COMES WITH INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	A SERIES REQUIRES RTE A. L SERIES REQUIRES RTE XL. BOTH ALSO REQUIRE ID.37 DRIVER.	GRAPHICS/1000-II DGL & AGP REV 2.0 * (REQUIRES REV 2.0 SHIP DATE 8/84)	GRAPHICS/1000-II PROVIDES GRAPHICS SUBROUTINES - REQUIRED FOR ALL GRAPHICS PROGRAMMING. DGL & AGP REV 2.0 DOES NOT SUPPORT LONG AXIS PLOTS, PAGE ADVANCE ONLY.
HP 1000 E/F	7470A OPT 002 7475A OPT 002* 7550A* 7580B OPT 060 7585B OPT 060 7586B OPT 060*	HP-IB	NONE	59310B	ONE CABLE COMES WITH INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	RTE 6/VM OR RTE IVB. DRIVER DVR37 ALSO REQUIRED.	GRAPHICS/1000-II DGL & AGP REV 2.0 * (REV 2.0 REQUIRED SHIP DATE 8/84)	GRAPHICS/1000-II PROVIDES GRAPHICS SUBROUTINES - REQUIRED FOR ALL GRAPHICS PROGRAMMING. DGP & AGL REV 2.0 DOES NOT SUPPORT LONG AXIS PLOTS, PAGE ADVANCE ONLY.


























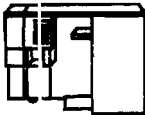


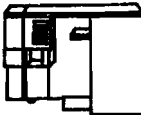













COMBINATIONS		TABLET		HOST				NOTES
HOST	TABLET	INTERFACE TYPE	CABLE SENT WITH TABLET	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	TABLET SOFTWARE	
HP 1000 A/L	9111A	HP-IB	NONE	12009A	ONE CABLE COMES WITH INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	A Series - RTE A - ID.37 DRIVER L Series - RTE XL or L - ID.37 DRIVER	GRAPHICS/1000-II AGP & DGL	GRAPHICS/1000-II PROVIDES GRAPHICS SUBROUTINES - REQUIRED FOR ALL GRAPHICS. PROGRAMMING ABILITY REQUIRED.
	17623A with 2623 or 2627 TERMINALS	SPECIAL KEYBOARD INTERFACE ON BACK OF TERMINAL	ALL CABLES REQUIRED FOR INTERFACE WITH TERMINAL ARE INCLUDED	12005B OPT. 001 or 005 OR 12040B MUX	REQUIRED 13222N CABLE INCLUDED IN OPTION	A Series - RTE A - ID.37 DRIVER L Series - RTE XL or L - ID.37 DRIVER	GRAPHICS/1000-II AGP & DGL	GRAPHICS/1000-II PROVIDES GRAPHICS SUBROUTINES - REQUIRED FOR ALL GRAPHICS. PROGRAMMING ABILITY REQUIRED.
HP 1000 E/F	9111A	HP-IB	NONE	59310B	ONE CABLE COMES WITH INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	RTE 6/VM OR RTE IVB DVR.37 ALSO REQUIRED.	GRAPHICS/1000-II AGP & DGL	GRAPHICS/1000-II PROVIDES GRAPHICS SUBROUTINES - REQUIRED FOR ALL GRAPHICS. PROGRAMMING ABILITY REQUIRED.
	17623A with 2623 or 2627 TERMINALS	SPECIAL KEYBOARD INTERFACE ON BACK OF TERMINAL	ALL CABLES REQUIRED FOR INTERFACE WITH TERMINAL ARE INCLUDED	12366A OPT. 005 or 105 OR 12792B MUX	REQUIRED 13222N CABLE INCLUDED IN OPTION.	RTE 6/VM OR RTE IVB	GRAPHICS/1000-II AGP & DGL	GRAPHICS/1000-II PROVIDES GRAPHICS SUBROUTINES - REQUIRED FOR ALL GRAPHICS. PROGRAMMING ABILITY REQUIRED.

TABLETS

TECHNICAL SYSTEMS



PERIPHERAL CONFIGURATION GUIDE

workstation discs						
system discs						
tape drives						
workstation printers						
system printers						
plotters						
tablets						



981X Desktops
982X Desktops
983X Desktops
984X Desktops
9000

DESKTOPS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
9825 A/B/S	PLEASE SEE OBSOLETE DISCS						
9825T	9895A	2/HP-IB INTERFACE	HP-IB	NONE	98034A REVISED OR LATER HP-IB INTERFACE (98034A REVISED CARD IS NOT CERTIFIED BY FCC FOR CLASS A REGULATIONS.)	98228A ROM	
9835A	9895A	2/HP-IB INTERFACE	HP-IB	NONE	98034A REVISED OR LATER HP-IB INTERFACE.	SUPPORTS 9895A WITH 98331B ROM.	A SEPARATE HP-IB INTERFACE IS REQUIRED FOR DISCS WHEN USING 98413B.
9845B/C	8290xM 9121D/S 9133V/XV 9134XV 9895A	2/HP-IB INTERFACE	HP-IB	NONE	98034A REVISED OR LATER HP-IB INTERFACE (98034A REVISED CARD IS NOT FCC CERTIFIED FOR CLASS A)	THE 9895A IS SUPPORTED WITH 98413B/C ROM. ALL DISCS ARE SUPPORTED BY THIRD PARTY ROM; SUPPORTED BY : STRUCTURED SOFTWARE SYSTEMS 609-267-1616	A SEPARATE HP-IB INTERFACE IS REQUIRED FOR DISCS WHEN USING 98413B ROM.
9000	8290x 9895A	2/HP-IB INTERFACE	HP-IB	NONE	27110A ONE SHIPPED WITH EACH HOST COMPUTER	DRIVERS ARE IN RAM BASIC OR HP-UX	CANNOT BE SYSTEM BOOT DISCS.

WORKSTATION DISCS

DESKTOPS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE *	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
9825 A/B/S	9885	1 MASTER/ INTERFACE	PARALLEL	NONE	98032A OPT. 185 (INCLUDES CABLE)	98217A ROM	9885 OPT. 025 CONTAINS THE 98032A OPT. 185 INTERFACE. ORDER MASS STORAGE ROM SEPARATELY.
9825T	9885M/S 9134A	9885: 1 MASTER/ INTERFACE 9134A: 2/HP-IB INTERFACE	9885: PARALLEL 9134A: HP-IB	NONE	9885M: 98032A OPT. 185 (INCLUDES CABLE) 9134A: 98034A REVISED OR LATER HP-IB INTERFACE (98034A REVISED CARD IS NOT CERTIFIED BY FCC FOR CLASS A REGULATIONS.)	98228A ROM	9885M OPT. 025 CONTAINS THE 98032A OPT. 185 IN- TERFACE. ORDER 98228A ROM SEPARATELY.
9835A 9845B/C	9133A/B 9134A/B 9135A 9885M/S	9885: 1 MASTER/ INTERFACE ALL OTHERS: 2/HP-IB INTERFACE	9885: PARALLEL ALL OTHERS: HP-IB	NONE	9885M: 9835; 98032 OPT. 385(INC. CABLE) 9845; 98032 OPT. 486(INC. CABLE) ALL OTHERS: 98034A REVISED OR LATER HP-IB INTERFACE. (98034A REVISED CARD IS NOT CERTIFIED BY FCC FOR CLASS A REGULATIONS.)	9835:SUPPORTS ONLY 9134A, 9885, AND 9895A; 98331B ROM 9845:SUPPORTS 9134A, 9885M/S, OR 9895A WITH; 98413B/C ROM 9845:THIRD PARTY ROM FOR ALL DISCS EXCEPT 9885; SUPPORTED BY STRUCTURED SOFTWARE SYSTEMS, 609-267-1616	9885M OPT. 035 CONTAINS THE 98032A OPT. 385 IN- TERFACE. ORDER 98331B ROM SEPARATELY. 9885M OPT. 045 CONTAINS THE 98032A OPT. 485 IN- TERFACE. ORDER 98413C ROM SEPARATELY. 9835 AND 9845 REQUIRE A SEPARATE HP-IB INTERFACE FOR DISCS WHEN USING 98413B ROM
9000	9885M	1 MASTER/ INTERFACE	PARALLEL	NONE	27110A ONE SHIPPED WITH EACH HOST COMPUTER	DRIVERS ARE IN RAM BASIC OR HP-UX	CANNOT BE SYSTEM BOOT DISCS.

* 9885 AND 913xA/B ARE OBSOLETE

OBSOLETE WORKSTATION DISCS

DESKTOPS

COMBINATIONS		SYSTEM DISC			SYSTEM				
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS	
9845	7906M 7920M 7925M	1 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	98041A, OPT. 045 & 98413A/B/C ROM (ORDER FROM FSD)	SENT WITH MASTER DISC	3.35m (9845 TO 98041A) 6m (98041A TO MASTER)		
	7906S 7920S 7925S	3 MAX.	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m					
	7908P 7911P 7912P	2 MAX.	NONE	10833B (HP-IB) 2m 10833A (HP-IB) 1m** 10833A (HP-IB) 1m**	98034B, OPT. 045 & 98413C ROM (ORDER FROM FSD)	SENT WITH DISC	2m 1m 1m		
		6 TOTAL							
	9835	7906M 7920M 7925M	1 MAX.	102	MULTI-UNIT & DATA CABLE INTERNAL 10833B (HP-IB) 2m	98041A, OPT. 035 & 98331B ROM (ORDER FROM FSD)			
		7906S 7920S 7925S	3 MAX.	MASTER DISC REQUIRED	13013B-003* (MULTI-UNIT) 2.4m 13213B-002* (DATA) 15.2m				
		4 TOTAL							

*NOTE: SPECIAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**7911/12 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY. MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS

SYSTEM DISCS

DESKTOPS

COMBINATIONS		SYSTEM DISC:			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
9000 MODEL 520	7908P 7911P 7912P 7914P 7914TD+ 7933H 7935H	16 MAX.	NONE***	10833E (HP-IB) 2m (7908) 10833A (HP-IB) 1m**(7911) 10833A (HP-IB) 1m**(7912) 10833A (HP-IB) 1m**(7914) 10833A (HP-IB) 1m (7933/35)	27110A (ORDER FROM RND) 7914TD COUNTS AS 2 DISCS. MAX. 8 DISCS/ I/F CARD.	2m HP-IB	15m/ I/F CARD	BASIC 1.0
		16 TOTAL						
9000 MODEL 520 530 540	7908P/R 7911P/R 7912P/R 7914P/R 7914TD+ 7933H 7935H	8 MAX. PLUS 1 VIRTUAL MEMORY	NONE***	7908P/R 7911R/12R/14R 10833B (HP-IB) 2m 7911P/12P/14P 10833A (HP-IB) 1m** 10833A (HP-IB) 1m (7933/35)	27110A (ORDER FROM RND) VIRTUAL MEMORY DISC MUST HAVE DEDICATED HP-IB CARD. 7914TD COUNTS AS 2 DISCS. MAX. 8 DISCS/I/F CARD.	2m HP-IB	15m/ I/F CARD	HPUX 2.0 CARTRIDGE TAPE DRIVE REQUIRED ON SYSTEM TO DISTRIBUTE MEDIA.
			8 TOTAL					

NOTE: OPTIONAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.]

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY. MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.

***DUAL CONTROLLER 7911/12/14 #001 AND 7914TD #002 SUPPORTED.

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E. WITH ITS OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN HP-IB CABLING.

SYSTEM DISCS

DESKTOPS

COMBINATIONS		SYSTEM DISC			SYSTEM			
SYSTEM	DISC DRIVE	MAXIMUM NUMBER OF DRIVES	REQUIRED OPTION	CABLES SENT WITH DISC	DISC INTERFACE CARD REQUIRED	INTERFACE CABLE SENT W/ SYSTEM	MAX. SUPPORTED LENGTH	SYSTEM REQUIREMENTS
9000 MODEL 226 236 220	7908P/R 7911P/R 7912P/R 7914P/R 7914TD+ 7933H 7935H	4 MAX	NONE***	7908P/R 11R/12R/14R 10833B (HP-IB) 2m 7911P/12P/14P 10833A (HP-IB) 1m** 10833A (HP-IB) 1m (7933/35)	98620A DMA REQUIRED. 98625A HP-IB I/F REQUIRED	2m (HP-IB)	10m	HPUX 2.0 CARTRIDGE TAPE DRIVE REQUIRED ON SYSTEM DISTRIBUTE MEDIA. ROOT DISC MUST BE SINGLE CONTROLLER
		4 TOTAL						
9000 MODEL 216 226 236 220	7908P/R 7911P/R 7912P/R	4 MAX.	NONE	10833B (HP-IB) 2m (7908/11R/12R) 10833A (HP-IB) 1m** (7911P/12P)	98620A DMA RECOMMENDED BUILT IN 98624A HP-IB I/F 98625A HP-IB I/F OPTIONAL	2m HP-IB	10m	BASIC 2.0 EXT. 2.0 -OR- PASCAL 2.0
		4 TOTAL						

NOTE: OPTIONAL CABLE LENGTHS AVAILABLE. SEE ACCESSORIES LIST.

**7911/12/14 INCLUDE THE EQUIVALENT OF 1m HP-IB CABLE INTERNALLY. MUST CONSIDER FOR CONFIGURATION; I.E., HP-IB LOADING REQUIREMENTS.

***DUAL CONTROLLER 7911/12/14 #001 AND 7914TD #002 SUPPORTED.

+7914TD CONFORMS TO CONFIGURATION LIMITATIONS OF 7914P/R AND 7970E WITH ITS OWN SEPARATE SET OF OPTION NUMBERS (SEE 7914TD DATA SHEET). NOTE ALSO THAT EACH DEVICE IN THE 7914TD PACKAGE HAS ITS OWN HP-IB CABLE.

SYSTEM DISC

DESKTOPS

COMBINATIONS		TAPE DRIVE				HOST		NOTES
SYSTEM	TAPE DRIVE	MAXIMUM NUMBER	INTERFACE TYPE	CABLE SENT WITH TAPE DRIVE		SYSTEM INTERFACE	SYSTEM REQUIREMENTS	
9835 A,B 9845 B,C	7970E	1	HP-IB	HP-IB	6 M.	98041A	WITH 9835, REFER TO 98336A AND 98331B. WITH 9845, REFER TO 98413C AND 09845-15220	MINIMUM OF 128 KBYTES OF MEMORY REQUIRED
9000 SERIES 500	7970E	2	HP-IB	HP-IB	6 M.	27110A	UPRIGHT CABINET ONLY	SLAVES ARE NOT SUPPORTED
9000 SERIES 200	9144A	4	HP-IB CS80	NONE		98624A OR INTERNAL	BASIC 2.0 OR 3.0 OR LATER PASCAL 2.1 OR 3.0 OR LATER	
	7970E	2	HP-IB	HP-IB	6 M.	98624A OR 98625A	REQUIRES HP-UX O.S. UPRIGHT CABINET ONLY	SLAVES ARE NOT SUPPORTED

SEE APPENDIX A FOR OPTION NUMBERS AND CABINET STYLES.



TAPE DRIVES

DESKTOPS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
SERIES 200 MODELS 16 26 36 9920	2225A	STD	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C OR D	--	SRM DOES NOT SUPPORT 2225A
	2601A	826	RS-232C	2601A CABLE	98626A + OPT 200 FROM FSD	COMES WITH PRINTER	BASIC OR PASCAL OP SYS NEEDED	SRM OR UNIX DOES NOT SUPPORT 2601A
	2602A	046	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C, OR D	--	SRM OR UNIX DOES NOT SUPPORT 2602A
	2671A/G 2673A	STD	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C OR D	BASIC, HPL, PASCAL OR UNIX OP SYS NEEDED	SRM DOES NOT SUPPORT 267X PRINTERS
	2932A 2933A/34A	046	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C OR D	--	SRM DOES SUPPORT 293X PRINTERS
SERIES 500 MODEL 9000	2225A	STD	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C OR D	--	SRM DOES NOT SUPPORT 2225A
	2601A	826	RS-232C	2601A CABLE	PLUG INTO MULTPLXR OR DIRECT CONNECT ON ASI CARD 27128A OR 27130A	COMES WITH PRINTER	BASIC OR UNIX	SRM DOES NOT SUPPORT RS-232C
	2602A	046	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C OR D	DEDICATED HP-IB BUS	UNIX SUPPORTS 2602A/DEDICATED BUS
	2932A 2933A/34A	046	HP-IB	NONE	HP-IB STANDARD ON HOST	10833A,B,C OR D	--	--
9845B/C	2601A	826	RS-232C	2601A CABLE	98036A + OPT 445 SERIAL INTERFACE	COMES WITH PRINTER	--	--
	2671A/G 2673A	STD	HP-IB	NONE	98034B HP-IB INTERFACE WITH CABLE	INCLUDED WITH INTERFACE	--	--

WORKSTATION PRINTERS

DESKTOPS

COMBINATIONS		PRINTER			HOST			NOTES	
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES		
HP9826 HP9836	2608A	845	HP-IB	NONE	REFER TO SRM MANUAL NUMBER 98028-90000 FOR DETAILS	STANDARD HP-IB CABLE ORDERED FROM CSO	ROM & CABLE FOR SHARED RESOURCE MGR.	SUPPORTED VIA SHARED RESOURCE MANAGER.	
HP9816 HP9826 HP9836 HP9920	2563A	850	HP-IB	10833C HP-IB 4 METRE	SRM (9826)	SUPPLIED WITH PRINTER	SRM RELEASE 2.0	SUPPORTED ON SRM ONLY	
					HP-IB port	SUPPLIED WITH PRINTER	3RD PARTY PASCAL DRIVER	PASCAL ONLY CONTACT FACTORY	
HP9835 A,B	2608A	835	HP-IB	NONE	98034B HP-IB I/F & CABLE FORM DCD	INCLUDED WITH I/F		98332A AND 98337A ROMS REQ. FOR GRAPHICS SCREEN DUMP CAPABILITY	
HP9845 A,B	2608A	845	HP-IB	NONE	98034B HP-IB I/F & CABLE FORM DCD	INCLUDED WITH I/F		98431A, 98432A, AND 98470A ROMS REQ. FOR GRAPHICS SCREEN DUMP CAPABILITY	
HP9845 A,B,T	2563A 2608S	850	HP-IB	10833C HP-IB 4 METRE	SHARED RESOURCE MANAGER (9826) OPT. 500	SUPPLIED WITH PRINTER	SRM RELEASE 2.0	SUPPORTED ON SHARED RESOURCE MANAGER ONLY	
HP9000 SERIES 500	2608S	290	HP-IB	10833C HP-IB 4 METRE	27110A I/F AVAILABLE FROM ROSEVILLE DIV.	SUPPLIED WITH PRINTER	BASIC REV. 2 AND HP-UX REV. 1	GRAPHICS OUTPUT USING HP-UX OR BASIC OS, 9000 AGP, AND USER WRITTEN PROGRAM.	
HP9000 SERIES 500	2687A							PLANNED SUPPORT BUT NOT AT INTRODUCTION	
HP9000 SERIES 500	2688A							PLANNED SUPPORT BUT NOT AT INTRODUCTION	
SRM 200	9816	2687A						NOT SUPPORTED	
	9826							NOT SUPPORTED	
	9836							NOT SUPPORTED	
	9920							NOT SUPPORTED	
SRM 200	9816	2688A	850	HP-IB	8120-3449 HP-IB 8 METRE	STANDARD HP-IB INTERFACE	SUPPLIED WITH PRINTER	PASCAL 2.1 O.S. AND HP TeX (33402A)	
	9826								
	9836								
	9920								

SYSTEM PRINTERS

DESKTOPS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
SRM (9845B/C AND SERIES 200)	2563A	850	HP-IB	10833C HP-IB 4 METRE	SHARED RESOURCE MANAGER 9826 OPTION 500	SUPPLIED WITH PRINTER	SRM RELEASE 2.0	SUPPORTED ON SRM ONLY
HP 9000 SERIES 500	2563A	290	HP-IB	10833C HP-IB 4 METRE	27110A (HP-IB CARD)	SUPPLIED WITH PRINTER	HPUX 3.0 RELEASE OR BASIC O.S.	27110A NOT INCLUDED WITH OPT. 290

SYSTEM PRINTERS

DESKTOPS

COMBINATIONS		PLOTTERS		HOST				NOTES	
HOST	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	GRAPHICS SOFTWARE		
HP 9845B/C	9872C 7470A OPT 002* 7475A OPT 002* (* SEE NOTES)	HP-IB	NONE	98034B HP-B INTERFACE	HP-IB CABLE INTEGRAL PART OF INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	--	GRAPHICS PRESENTATIONS 09845-10540 FOR 9845B 09845-15230 FOR 9845C	* GRAPHICS PRESENTATIONS ONLY INDICATES 9872C PLOTTER, OTHER PLOTTERS WORK WITHOUT ERROR.	
HP 9000 MULTI-USER NOO	BASIC Models 216,220 226,236	7470A OPT 002 7475A OPT 002	HP-IB	NONE	HP-IB INTERFACE STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	BASIC 2.1 OPERATING SYSTEM	GRAPHICS PRESENTA- TIONS REV. C, STATISTICS LIBRARY, HP-DRAFT ON MODELS 220 & 236	NO ROLL FEED SUPPORT ON 7586B YET.
	PASCAL Models 216,220, 226,236	7470A OPT 002 7475A OPT 002	HP-IB	NONE	HP-IB INTERFACE STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	PASCAL 2.1 - 3.0 OPERATING SYSTEM	CONTEXT MBA/200, PICTURE PERFECT, DIAGRAPH, EGS/200 ON MODELS 220,226,236	ONLY EGS/200 SUPPORTS 7586B - NO ROLL FEED. PICTURE PERFECT & DIAGRAPH REQUIRE PASCAL 3.0
	HP-UX Models 220,236	7470A OPT 002 7580B OPT 051 7585B OPT 051	HP-IB	NONE	HP-IB INTERFACE STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	HP-UX 2.0 OPERATING SYSTEM	GRAPHICS/9000 DGL	GRAPHICS/9000 PROVIDES GRAPHICS SUBROUTINES REQUIRED FOR ALL GRAPHICS PROGRAMMING.
	HPL Models 216,226, 236	7470A OPT 002 7475A OPT 002 7580B OPT 051 7585B OPT 051	HP-IB	NONE	HP-IB INTERFACE STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	HPL 2.1 OPERATING SYSTEM	--	--
MULTI-USER 500	BASIC All Models	7470A OPT 002 7580B OPT 059 7585B OPT 059 7586B OPT 059	HP-IB	NONE	27110A HP-IB INTERFACE	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	BASIC 1.0 OPERATING SYSTEM	BASIC 3D GRAPHICS HP-DESIGN	NO ROLL FEED SUPPORT ON 7586B YET.
	HP-UX All Models	7470A OPT 002 7580B OPT 059 7585B OPT 059	HP-IB	NONE	27110A HP-IB INTERFACE	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	HP-UX 2.0 OPERATING SYSTEM	GRAPHICS/9000 DGL & AGP, HP-SPICE, ISSCO Tel-A-Graf with 9872C/T ONLY	GRAPHICS/9000 PROVIDES GRAPHICS SUBROUTINES REQUIRED FOR GRAPHICS PROGRAMMING.
SRM Models 220,226	7475A OPT 002* 7580B OPT 051 7585B OPT 051 7586B OPT 051	HP-IB	NONE	HP-IB STANDARD FOR MODEL 226 ORDER OPT 500 FOR MODEL 220	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	SEE FSD CONFIGURATION GUIDE FOR SRM REQUIREMENTS.	SEE SERIES 200 WORKSTATIONS FOR SOFTWARE & PLOTTER SUPPORT.	7475A REQUIRES SERVICE NOTE 7475A-1. NO ROLL FEED SUPPORT ON 7586B YET.	

PLOTTERS

























DESKTOPS

COMBINATIONS		TABLET		HOST				NOTES	
HOST	GRAPHICS TABLET	INTERFACE TYPE	CABLE SENT WITH TABLET	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	TABLET SOFTWARE		
HP 9845B/C	9111A OPT 045	HP-IB	NONE	98034B HP-IB INTERFACE	HP-IB CABLE INTEGRAL PART OF INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	--	EGS/45 CAP/45 and TABLET SYSTEM TOOLS (HP 88100A - 9845B, 88101A - 9845C)	TABLET TOOLS USABLE TO CREATE MENUS & DRAWINGS. USABLE BOTH INTERACTIVELY & PROGRAMMATICALLY.	
HP 9000 SERIES 200	BASIC Models 216,220 226,236	9111A OPT 026 FOR MODEL 226 OPT 036 FOR MODEL 236	HP-IB	NONE	HP-IB INTERFACE STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	BASIC 2.1 OPERATING SYSTEM	HP-DRAFT ON MODELS 220 & 236 UTILITY SOFTWARE FROM SERIES 200 EXCHANGE LIBRARY	OPT 026 & 036 PROVIDE EXTENDED BASIC STATEMENTS ON 5.25 IN. DISC FOR TABLET I/O
	PASCAL Models 216,220 226,236	9111A	HP-IB	NONE	HP-IB INTERFACE STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	PASCAL 2.1 - 3.0 OPERATING SYSTEM	EGS/200 ON MODELS 220,226,236	--
	HP-UX Models 220,236	9111A	HP-IB	NONE	ORDER SEPARATE HP-IB INTERFACE (98624)	NO CABLE SENT WITH INTERFACE. ORDER 10833A/B/C/D AS NEEDED.	HP-UX 2.0 OPERATING SYSTEM	GRAPHICS/9000 DGL	GRAPHICS/9000 PROVIDES GRAPHICS SUBROUTINES REQUIRED FOR ALL GRAPHICS PROGRAMMING.
	HP-UX Models 220,236	17623A with 2623 TERMINAL	SPECIAL KEYBOARD INTERFACE ON BACK OF TERMINAL	ALL CABLES REQUIRED FOR TERMINAL INTERFACE INCLUDED	98626A OPT 001 RS-232 INTERFACE	DTE CABLE TO TERMINAL PROVIDED BY OPT 001 WITH INTERFACE.	HP-UX 2.0 OPERATING SYSTEM	GRAPHICS/9000 DGL	GRAPHICS/9000 PROVIDES GRAPHICS SUBROUTINES REQUIRED FOR GRAPHICS PROGRAMMING.
SERIES 500	BASIC Models 520,530, 540	9111A OPT 059	HP-IB	NONE	27110A HP-IB INTERFACE	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	BASIC 1.0 OPERATING SYSTEM	HP-DESIGN	--
	HP-UX Models 520,530, 540	17623A with 2623 or 2627 TERMINALS	SPECIAL KEYBOARD INTERFACE ON BACK OF TERMINAL	ALL CABLES FOR TERMINAL INTERFACE INCLUDED	27128A RS-232 INTERFACE	ORDER 13222N FOR RS-232 TO TERMINAL.	HP-UX 2.0 OPERATING SYSTEM	GRAPHICS/9000 DGL & AGP	GRAPHICS/9000 PROVIDES GRAPHICS SUBROUTINES REQUIRED FOR GRAPHICS PROGRAMMING.

TABLETS

DESKTOPS

PERIPHERAL CONFIGURATION GUIDE

workstation discs						
workstation printers						
plotters						
tablets						

Series 80
Series 100
Series 200
(Model 16)



PERSONAL COMPUTERS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
SERIES 80, 9915	8290xM 9121D/S 9133V 913xXV opt. 010 9895A	2/HP-IB INTERFACE	HP-IB	NONE	HP83/85/86A - 82937A HP-IB INTERFACE HP86B/87 - 45529 HP-IB CABLE (OR 10833) (86B AND 87 SHIP WITH CABLE)	HP85B/86B BUILT-IN FOR ALL DISCS HP83/85A/9915A: 00085-150001 MASS STORAGE ROM HP86A/87: 00087-15012 ROM REQUIRED FOR 10 Mbyte SUPPORT	ALL FLOPPIES AND 9133V#004 SUPPORTED BY ALL SERIES 80/9915 AND BY THE CP/M CARD. 9133V SUPPORTED BY HP85B/ 86/87. 913xXV#010 SUPPORTED BY HP85B/86B/(86A/87 WITH ROM).*
HP 120/125 (OBSOLETE 5/1/84) HP 150	82901M 9121D/S 9133V 913xXV#010 913xXV (150 ONLY) 9895A (120/125 ONLY)	HP 120/125: 2 MAXIMUM (9133'S COUNT AS 2) HP150: UP TO EIGHT HP-IB ADDRESSES	HP-IB	NONE	45529 HP-IB CABLE (OR 10833) NOTE: ONE HP-IB CABLE IS SUPPLIED WITH SERIES 100.	HP120/125: SUPPORTS 9133V#004 WITH OP SYS A.01.20 OR LATER. OP SYS A.02.00 W/ BOOT ROM 1818-3221 OR LATER REQUIRED FOR 10 MB. HP 150 SUPPORTS ALL DISCS EXCEPT 9895A	HP 120/125: THE 9133V AND 913xXV#010 ARE NOT RECOMMENDED EXCEPT FOR LARGE FILE SIZES THAT CANNOT BE ACCOMMODATED BY THE 9133V#004.
SERIES 200	8290xM 9121D/S 9122D/S 9133V/XV 9134XV 9895A	2/HP-IB INTERFACE	HP-IB	NONE	10833 HP-IB CABLE NOTE: SERIES 200 SHIPPED WITH ONE HP-IB CABLE.	9121D/S,8290x,9133V OPT. 004: BASIC 1.0 WITH ENHANC- MENTS, HPL, PASCAL 2.0 OR LATER VERSIONS. 9122D/S:BASIC 3.0, PASCAL 3.0. 9895A:SAME AS ABOVE PLUS PASCAL 1.0 9133V:BASIC 2.0 EXT., PASCAL 2.0	9133/4XV SUPPORTED ONLY BY PASCAL 2.0 AND BASIC 2.1 EXTENSIONS REV. B OR LATER VERSIONS OF BOTH.
HP 110	8290xM 9121D/S 9122D/S 9133V/XV 9134XV 9895A	8/HP-IL LOOP	9114A:HP-IL ALL OTHERS: HP-IB	9114A:ONE HP-IL CABLE ALL OTHERS: NONE	ALL SYSTEMS REQUIRE 82167A/B/D HP-IL CABLE. ALL HP-IB DRIVES REQUIRE 10833 HP-IB CABLE AND THE HP 82169A HP-IB TO HP-IL CONVERTER.	THE REQUIRED OPERATING SYSTEM IS BUILT-IN FOR ALL DRIVES.	REFERENCE APPLICATION NOTE 5954-1143 FOR THE USE OF THE HP-IB DRIVES.
HP 41 HP 71 HP 75	9114A	8/HP-IL LOOP	HP-IL	ONE HP-IL CABLE	HP41:82160A HP-IL MODULE. HP71:82401A HP-IL MODULE. 82167A/B/D HP-IL CABLE.	THE REQUIRED OP. SYS. IS BUILT INTO ALL HOSTS.	

* 913xXV OPT. 010 MUST BE IN A HORIZONTAL
CONFIGURATION WITH AN HP86.

WORKSTATION DISCS

PERSONAL COMPUTERS

COMBINATIONS		DISC DRIVE			HOST		
HOST	DISC DRIVE *	MAXIMUM NO. OF MASS STORAGE SYSTEMS	TYPE OF INTER-FACE	CABLES SENT WITH DISC	INTERFACE AND/OR CABLE REQUIRED	ROM, DRIVER OR SYSTEM REQUIRED	NOTES
SERIES 80, 9915	9130A (HP86A) 9133A/B 9134A/B 9135A	9130A: 2/HP86A ALL OTHERS: 2/HP-IB INTERFACE	9130A DEDICATED ALL OTHERS: HP-IB	9130A: SHIPPED WITH INTERFACE CABLE ALL OTHERS: NONE	HP86A: BUILT-IN ONLY ON 9130A HP83/85/86A - 82937A HP-IB INTERFACE HP86B/87 - 45529 HP-IB CABLE (OR 10833) (86B AND 87 SHIP W/CABLE)	HP85B/86B BUILT-IN FOR ALL DISCS HP83/85A/9915A: 00085-150001 MASS STORAGE ROM HP86A/87: 00087-15012 ROM REQUIRED FOR 10 Mbyte SUPPORT	9130A SUPPORTED BY HP86A ONLY. 913xA SUPPORTED BY ALL SERIES 80/9915 AND BY THE CP/M CARD. 913xA#010 SUPPORTED BY HP85B/ 86/87 ONLY. 913xB SUPPORTED BY HP85B/86B/ (86A/87 WITH ROM).
HP 120/125	9133A/B 9134A/B 9135A	2 MAXIMUM (9133'S AND 9135 COUNT AS 2)	HP-IB	NONE	45529 HP-IB CABLE (OR 10833) NOTE: ONE HP-IB CABLE IS SUPPLIED WITH SERIES 100.	SUPPORTS 913xA WITH OP SYS A.01.20 OR LATER. OP SYS A.02.00 REQUIRED FOR 913xB.	THE 913xB AND 913xA#010 ARE NOT RECOMMENDED EXCEPT FOR LARGE FILE SIZES THAT CANNOT BE ACCOMMODATED ON THE 9133A.
SERIES 200	9133A/B 9134A/B 9135A 9885M/S	9885: 1 MASTER/ INTERFACE ALL OTHERS: 2/HP-IB INTERFACE	9885M: PARALLEL ALL OTHERS: HP-IB	NONE	9885M: 98622A OPT. 002 PARALLEL I/O WITH CABLE ALL OTHERS: 10833 HP-IB CABLE NOTE: SERIES 200 SHIPPED WITH ONE HP-IB CABLE	9885M: BASIC 2.0 EXT., HPL 1.0, PASCAL 1.0 OR LATER VERSIONS. 9133A AND 9135A: BASIC 1.0 WITH ENHANC- MENTS, HPL, PASCAL 2.0 OR LATER VERSIONS 9134A: SAME AS ABOVE PLUS PASCAL 1.0. 9133B,9134B,913xA OPT. 010:BASIC 2.0 WITH EXT., PASCAL 2.0	9885M: 98620A DMA DESIRABLE

* 9130A, 913xA/B, AND 9885 ARE OBSOLETE



OBSOLETE WORKSTATION DISCS _____ PERSONAL COMPUTERS

COMBINATIONS		PRINTER			HOST			NOTES				
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES					
HP 80 SERIES MODEL 85B MODEL 86B MODEL 87XM	2601A	STD	RS-232C	2601 CABLE	82939A SERIAL I/F	COMES WITH PRINTER	HP 85B REQUIRES 00085-15002 PLOTTER/PRINTER ROM	--				
	2602A	046	HP-IB	NONE	82937A HP-IB INTERFACE & CABLE REQUIRED FOR HP85	10833A,B,C OR D						
	2671A/G 2673A	STD										
	2932A 2933A/34A	046										
	82905B & 82906A	001-110V 002-120V 003-220V 004-240V										
	2225A	STD										
	2225B	STD							HP-IL	82167A (ONE EACH)	82938A HP-IL	COMES WITH PRINTER
	2225C	STD							CENTRONICS	NONE	82949A CENTRONICS	92957A

WORKSTATION PRINTERS
PERSONAL COMPUTERS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
SERIES 100 MODEL 150	82905B AND 82906A	001-100V 002-120V 003-220V 004-240V	HP-IB	NONE	HP-IB & RS 232C BOTH STANDARD ON SERIES 100	10833A,B,C OR D FOR HP-IB 13242G FOR RS-232C (COMES WITH THE 2601A)	--	--
	2602A (SEE 2601A BELOW)	046	RS-232C	13242G				
		STD						
	2601A	242	HP-IB	NONE				
	2932A 2933A/34A	STD						
		2225A	046	INTERNAL PRINTER				
	STD							
	2674A	STD	RS-232C	NONE				
2686A LASERJET	STD							

WORKSTATION PRINTERS

PERSONAL COMPUTERS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
SERIES 100 MODEL 110	2225B	STD	HP-IL	82938A	HP-IL STANDARD ON MODEL 110	COMES WITH PRINTER	--	--
	2601A	STD	RS-232C	2601A CABLE	RS-232C STANDARD ON MODEL 110	92221P	--	OPERATES AT 300 BAUD
	2602A	STD	RS-232C	NONE	RS-232C STANDARD ON MODEL 110	92221P	--	--
	82905B	140,240 340,440	RS-232C	NONE	RS-232C STANDARD ON MODEL 110	92221P	--	--
			HP-IL	82938A	HP-IL IS STANDARD ON MODEL 110	COMES WITH PRINTER	--	--
	82906A	STD	HP-IB	NONE	82169A (HP-IL TO HP-IB CONVERTER)	10833A,B,C OR D	--	--
	2686A LASERJET	STD	RS-232C	NONE	RS-232C STANDARD ON MODEL 110	92221P	--	--

WORKSTATION PRINTERS

PERSONAL COMPUTERS

COMBINATIONS		PLOTTERS		HOST				NOTES
HOST	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	GRAPHICS SOFTWARE	
HP 85B	7470A OPT 002 7475A OPT 002 7580B OPT 058 7575B OPT 058	HP-IB	NONE	82937A HP-IB INTERFACE	ONE CABLE COMES WITH INTERFACE. ORDER EXTRA 10833A/B/C/D AS NEEDED.	82936A ROM DRAWER 00085-15002 PLOTTER/PRINTER ROM	HP 82801A GRAPHICS PRESENTATION PAC (REV. C - 7470; GRAPHICS PAC NOT SUPPORTED FOR 7475) REQUIRES 32K MEMORY	PROGRAMMING ABILITY REQUIRED WITHOUT GRAPHICS PRESENTATION PAC 758X OPT 058 PROVIDES PROGRAMMING GUIDE FOR SERIES 80 COMPUTERS.
HP 86B HP 87XM with disc drive	7470A OPT 002 7475A OPT 002 7580B OPT 058 7585B OPT 058	HP-IB	NONE	HP-IB STANDARD	NO CABLES WITH INTERFACE ORDER ONE 10833A/B/C/D FOR PLOTTER.	82936A ROM DRAWER 00087-15002 PLOTTER ROM	HP 82831A OPT. 630 (3.5 in.) OPT. 650 (5.25 in.) GRAPHICS PRESENTATION PAC REV. C (REQUIRES 128K)	PROGRAMMING ABILITY REQUIRED WITHOUT GRAPHICS PRESENTATION PAC 758X OPT 058 PROVIDES PROGRAMMING GUIDE FOR SERIES 80 COMPUTERS.
HP 110 with disc drive	7470A OPT 003	HP-IL	REQUIRED HP-IL CABLE INCLUDED	HP-IL STANDARD	ALL PROVIDED 1 WITH HP110 1 WITH HP9114A 1 WITH 7470A OPT 003	HP 9114A OR OPTIONAL HP-IB DRIVE	LOTUS 1-2-3 PrintGraph DISC (PROVIDED) MICROSOFT CHART	MAY ALSO USE HP-IB PLOTTERS (OPT 002) BUT REQUIRES HP-IL/HP-IB INTERFACE (HP 82169A)
	7470A OPT 001* 7475A OPT 001*	RS-232-C STANDARD (SEE NOTES FOR HP-IB SUPPORT)	NONE	RS-232 STANDARD	ORDER CABLE HP 92221P			
HP 150	7470A OPT 001 7475A OPT 001 7550A	RS-232-C DIRECT	NONE	TWO RS-232-C PORTS STANDARD	747X: USE 13242G 7550: USE 17755A	MS-DOS 2.0	LOTUS 1-2-3 SERIES 100/GRAPHICS PICTURE PERFECT GRAPHWRITER GRAPHPLAN CONTEXT MBA DIAGRAPH	FOR HP 150 TERMINAL USE AND CABLING SEE TERMINALS SECTION. WHEN USED AS TERMINAL WITH HP 3000 BUSINESS GRAPHICS THE PLOTTER OFF RS-232 PORT 2 IS NOT SUPPORTED - ONLY HP-IB OR EAVESDROP.
	7470A OPT 002 7475A OPT 002 7550A	HP-IB	NONE	HP-IB STANDARD	ORDER 10833A/B/C			
SERIES 200 MODEL 216 HP 9816A/S with disc drive	7470A OPT 002 7475A OPT 002 7580B OPT 051 7585B OPT 051 7586B OPT 051	HP-IB	NONE	HP-IB STANDARD	ONE 10833B SENT WITH INTERFACE. ORDER EXTRA AS NEEDED.	OPERATING SYSTEM: BASIC 2.1 PASCAL 3.0 HPL 2.1	WITH BASIC 2.1: GRAPHICS PAC/200 STATISTICS LIBRARY WITH PASCAL 3.0: CONTEXT MBA 2.3 PICTURE PERFECT DIAGRAPH	NO ROLL FEED SUPPORT ON 7586B YET

PLOTTERS

PERSONAL COMPUTERS

COMBINATIONS		TABLET		HOST				NOTES
HOST	GRAPHICS TABLET	INTERFACE TYPE	CABLE SENT WITH TABLET	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	TABLET SOFTWARE	
HP 85B	9111A OPT 085	HP-IB	NONE	HP 82937A HP-IB INTERFACE	ORDER ONE 10833A/B/C/D FOR TABLET	82936A ROM DRAWER 00087-15002 PLOTTER ROM	--	OPT 085 PROVIDES A SYSTEM TUTORIAL AND TABLET TOOLS FOR THE HP 85.
HP 86B HP 87XM with disc drive	9111A OPT 086	HP-IB	NONE	HP-IB STANDARD	ORDER ONE 10833A/B/C/D FOR TABLET	82936A ROM DRAWER 00087-15002 PLOTTER ROM	--	OPT 086 PROVIDES PROGRAMMING GUIDE FOR SERIES 80. TABLET UTILITIES ALSO AVAILABLE FROM SERIES 80 EXCHANGE LIBRARY.
HP 9816A/S with disc drive	9111A	HP-IB	NONE	HP-IB STANDARD	ORDER ONE 10833A/B/C/D FOR TABLET	RAM BASIC 2.0	--	UTILITY SOFTWARE AVAILABLE FROM SERIES 200 EXCHANGE LIBRARY.

TABLETS

PERSONAL COMPUTERS

COMBINATIONS		PRINTER			HOST			NOTES
HOST	PRINTER	OPT	INTERFACE TYPE	CABLE SENT WITH PRINTER	PRINTER INTERFACE REQUIRED ON HOST	CABLE REQUIREMENTS	HOST ALSO REQUIRES	
IBM PC	LaserJet 2686A	STD	RS-232C	NONE	RS-232C	92219J or 17255B ORDER FROM COMPUTER SUPPLIES OPERATION		

PRINTERS

NON HP PERSONAL COMPUTERS

COMBINATIONS		PLOTTERS		HOST				NOTES
HOST	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	GRAPHICS SOFTWARE	
IBM PC/XT	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	IBM ASYNCHRONOUS COMMUNICATIONS ADAPTER	ORDER CABLE 17255B (HP) MALE-FEMALE NO-MODEM CABLE	GRAPHICS ADAPTER & GRAPHICS MONITOR FOR SCREEN GRAPHICS	SEE IBM/7470A BROCHURE (HP-SAN DIEGO BROCHURE #5953-4162)	REFER TO 7470A/7475A INTERCONNECTION GUIDE FOR CONNECTION DETAILS. (GUIDE SHIPPED WITH PLOTTER)
IBM PC jr	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	IBM ASYNCHRONOUS COMMUNICATIONS ADAPTER	ORDER 2 CABLES: IBM SERIAL DEVICE ADAPTER CABLE PLUS HP 17255B	MONITOR	MANY IBM PC PACKAGES ALSO WORK WITH PC jr. CONSULT SOFTWARE SUPPLIER FOR DETAILS.	REFER TO 7470A/7475A INTERCONNECTION GUIDE FOR CONNECTION DETAILS. (GUIDE SHIPPED WITH PLOTTER)
APPLE IIe with Disk II	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	APPLE SUPER SERIAL CARD (A2B0044)	ORDER CABLE 17355A 2m RS-232-C MALE-TO-MALE	--	SEE APPLE/7470A BROCHURE (HP-SAN DIEGO BROCHURE #5943-4143)	REFER TO 7470A/7475A INTERCONNECTION GUIDE FOR CONNECTION DETAILS. (GUIDE SHIPPED WITH PLOTTER)
APPLE ///	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	RS-232-C INTERFACE STANDARD	ORDER CABLES 17355A (HP) 2m RS-232-C MALE-TO-MALE CABLE & A3M0019 (APPLE) MODEM ELIMINATOR CABLE	--	SEE APPLE/7470A BROCHURE (HP-SAN DIEGO BROCHURE #5943-4143)	REFER TO 7470A INTERCONNECTION GUIDE FOR CONNECTION DETAILS. (GUIDE SHIPPED WITH PLOTTER)
APPLE IIc	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	RS-232 INTERFACE STANDARD	ORDER APPLE CABLE A9C0308	--	MANY APPLE IIc PACKAGES ALSO WORK WITH THE IIc. CONSULT SOFTWARE SUPPLIER FOR DETAILS.	REFER TO 7470A/7475A INTERCONNECTION GUIDE FOR CONNECTION DETAILS. (GUIDE SHIPPED WITH PLOTTER)
COMPAQ	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	ASYNCHRONOUS COMMUNICATIONS ADAPTER	ORDER CABLE 17255B (HP) MALE-FEMALE NO-MODEM CABLE	--	MANY IBM PC PACKAGES ALSO WORK ON THE COMPAQ. CONSULT SOFTWARE SUPPLIER FOR DETAILS.	REFER TO 7470A/7475A INTERCONNECTION GUIDE FOR CONNECTION DETAILS. (GUIDE SHIPPED WITH PLOTTER)

PLOTTERS

NON HP PERSONAL COMPUTERS

COMBINATIONS		PLOTTERS		HOST				NOTES
HOST	PLOTTERS	INTERFACE TYPE	CABLE SENT WITH PLOTTER	INTERFACE REQUIRED ON HOST	CABLE REQUIRED	HOST ALSO REQUIRES	GRAPHICS SOFTWARE	
TEXAS INSTRUMENTS T.I. PRO	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	SYNCHRONOUS/ ASYNCHRONOUS COMMUNICATIONS BOARD (T.I. # 2223238-0001)	ORDER CABLE 13242G	--	LOTUS 1-2-3 pfs: GRAPH	
DEC 100 RAINBOW	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	SERIAL PRINTER PORT STANDARD	ORDER CABLE 17355A	--	LOTUS 1-2-3 ATHENA/GRAPH GrafiTalk GRAPHWRITER	
DEC 350 PRO	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	SERIAL PRINTER PORT STANDARD	ORDER 2 CABLES: 17355A (HP) & DEC BCC05	--	ATHENA/GRAPH	
WANG PC	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	SERIAL INTERFACE	ORDER CABLE 13242G	--	WANG BUSINESS GRAPHICS	
ZENITH Z-100	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	SERIAL INTERFACE	ORDER CABLE HP 17355A	--	PEACHTREE BUSINESS GRAPHICS	
TRS-80 MODELS II/III, TANDY 2000, BURROUGHS B-20, FUJITSU FM-16, OTHERS	7470A OPT 001 7475A OPT 001	RS-232-C	NONE	USE SERIAL INTERFACE	ORDER CABLE HP 13242G	--	? CONTACT APPROPRIATE SUPPLIER	

PLOTTERS

NON HP PERSONAL COMPUTERS



APPENDIX A

COMMERCIAL TAPE DRIVE OPTIONS

HP 3000 SERIES III

7970B

Initial drive with 30215A interface cable:

Lo-boy Cabinet	7970B Option 324@
No Cabinet*	7970B Option 334
Upright Cabinet	7971A Option 480
(2) 7970B in 7971A Cabinet	7971A Option 481

Add-on drive with multi-unit cable (for daisy-chain configuration):

No Cabinet*	7970B Option 330
Upright Cabinet	7971A Option 410
(2) 7970B in 7971A Cabinet	7971A Option 411

7970E:

Initial master drive with 30215A interface cable:

Lo-boy Cabinet	7970E Option 324@
No Cabinet*	7970E Option 151#
Upright Cabinet	7971A Option 470
(2) Master 7970E in 7971A Cabinet	7971A Option 472
(1) Master/(1) Slave in 7971A Cabinet	7971A Option 473

Add-on master drive with multi-unit cable (for daisy-chain config):

No Cabinet*	7970E Option 330
Upright Cabinet	7971A Option 420
(2) Master 7970E in 7971A Cabinet	7971A Option 422
(1) Master/(1) Slave in 7971A Cabinet	7971A Option 423

Add-on slave drive with multi-unit cable (must be used with master):

No Cabinet*	7970E Option 331
Upright Cabinet	7971A Option 430
(2) Slave 7970E in 7971A Cabinet	7971A Option 433

Combination of one 7970B and one 7970E with 30215A I/F cable:

Upright Cabinet	7971A Option 482
-----------------	------------------

7976A:

Requires 30341A Starfish
Interface Controller

7976A Option 316

(only supported as add-on drive)

* Order 26074A installation kit to mount drive in bottom
of 7971A.

Interface cable must be ordered separately (30215-60003).

@ Also available as remarketed product.

APPENDIX A

COMMERCIAL TAPE DRIVE OPTIONS (CONTINUED)

HP 3000 SERIES 30/33

7970E:

Initial master drive with HP-IB interface:

Lo-boy Cabinet

7970E Option 426@

No Cabinet*

7970E Option 436

Upright Cabinet

7971A Option 340

(2) Master 7970E in

7971A Option 344

7971A Cabinet

(1) Master/(1) Slave 7971A Cabinet

7971A Option 343

Add-on Slave drive with multi-unit cable:

No Cabinet*

7970E Option 431

Upright Cabinet

7971A Option 330

(2) Slave 7970E in 7971A Cabinet

7971A Option 333

7976A:

Upright cabinet

7976A Option 416

(can be only tape drive on system)

HP 3000 SERIES 39,40/42,44/48,64/68

7970E:

Initial master drive with HP-IB Interface:

Lo-boy Cabinet

7970E Option 426@

No Cabinet*

7970E Option 436

Upright Cabinet

7971A Option 340

(2) Master 7970E in 7971A Cabinet

7971A Option 344

(1)Master/(1) Slave in 7971A Cabinet

7971A Option 343

Add-on slave drive with multi-unit cable:

No Cabinet*

7970E Option 431

Upright Cabinet

7971A Option 330

(2) Slave 7970E in 7971A Cabinet

7971A Option 333

7974A:

1600 cpi drive with HP-IB interface:

Upright Cabinet

7974A

No Cabinet#

7974A Option 131

(2) 7974 in Upright Cabinet

7974A+7974A Option 131

800/1600 cpi drive with HP-IB interface:

Upright Cabinet

7974A Option 800

No Cabinet#

7974A Option 131+Option 800

(2) 7974 in Upright Cabinet

7974A Opt. 800+7974A Opt. 131+Opt. 800

APPENDIX A

COMMERCIAL TAPE DRIVE OPTIONS (CONTINUED)

7976A:
Upright Cabinet
(2) Tape Drives

7976A Option 516 - Series 44/48
7976A Option 616 - Series 64/68
(2) 7976A Option 516 or 616
(1) 7976A Option 222

7978A:
1600/6250 cpi drive with HP-IB interface:
Upright Cabinet
No Cabinet
(2) 7978 in Upright Cabinet

7978A
7978A Option 132
7978A+7978A Option 132

* Order 26074A installation kit to mount drive in bottom of 7971A.

For mounting in bottom of existing 7974A Cabinet

@ Also available as remarketed product

TECHNICAL TAPE DRIVE OPTIONS

HP 9000 SERIES 200 HP-UX, 500

7970E:
Initial master drive with HP-IB interface:
Upright Cabinet
(2) Master 7970E in 7971A Cabinet

7971A Option 840
7971A Option 844

HP DESKTOPS 9835/9845

7970E:
Initial master drive with HP-IB interface:
Lo-boy Cabinet
No Cabinet*
Upright Cabinet

7970E Option 826
7970E Option 836
7971A Option 840

HP 1000 SERIES M,E,F (Operating under RTE-6/VM, RTE-IVB, RTE-IVE, RTE-M, RTV-II)

7970B:
Initial drive with 13181B interface kit:
Lo-boy cabinet
No Cabinet*
Upright cabinet
(2) 7970B in 7971A Cabinet

7970B Option 226@
7970B Option 236@
7971A Option 250
7971A Option 251

Add-on drive with multi-unit cable:
No Cabinet*
Upright Cabinet
(2) 7970B in 7971A Cabinet

7970B Option 230
7971A Option 210
7971A Option 211

APPENDIX A

TECHNICAL TAPE DRIVE OPTIONS (CONTINUED)

7970E:

Initial master drive with 13183B interface kit:

Lo-boy Cabinet	7970E Option 226@
No Cabinet*	7970E Option 236@
Upright Cabinet	7971A Option 260
(2) 7970E in 7971A Cabinet	7971A Option 262
(1) Master/(1) Slave	7971A Option 263

Add-on master drive with multi-unit cable:

No Cabinet*	7970E Option 230
Upright cabinet	7971A Option 220
(2) 7970E in 7971A Cabinet	7971A Option 222
(1) Master/(1) Slave	7971A Option 423

Add-on slave drive with multi-unit cable:

No Cabinet*	7970E Option 231
Upright Cabinet	7971A Option 230
(2) 7970E in 7971A Cabinet	7971A Option 233

Combination of (1) 7970B and (1) 7970E in 7971A Cabinet:	
With 13181B interface kit	7971A Option 256
With multi-unit cable	7971A Option 212

7974A:

Requires 93741A & RTE-6/VM Options - See previous listing

7976A:

Requires 93577M & RTE-IVB or RTE-6 7976A Option 316

7978A:

Requires 93741A and RTE-6/VM Options - See previous listing

HP 1000 A SERIES (Operating under RTE-A.1)

7970E:

Initial Master drive with HP-IB interface:

Lo-boy Cabinet	7970E Option 626@
No Cabinet*	7970E Option 636
Upright Cabinet	7971A Option 140
(2) Master 7970E in 7971A Cabinet	7971A Option 144

7974A:

Requires RTE-A & A.84 Options - See previous listing

7976A:

Requires 93698L & RTE-A 7976A Option 316

7978A:

Requires RTE-A & A.84 Options - See previous listing

* Order 26074A Installation kit to mount drive in bottom of 7971A.

@ Also available as remarketed product.

APPENDIX A

TAPE DRIVE UPGRADE KITS

26072A: 7970E PARALLEL TO HP-IB CONVERSION KIT Converts master 7970E with parallel differential interface to HP-IB. Order when upgrading 3000 Series II/III to Series 3x/4x/6x or 1000 Series M/E/F to A Series. Contains: HP-IB assembly, 6 meter HP-IB cable, power sequencer, jumper wires, fan assembly, fan cables, miscellaneous cables, miscellaneous hardware, and installation instructions. Price includes CE installation.

Order standard kit for conversion of 7970E in lo-boy cabinet.

OPTION 001: Deletes fan assembly and fan cables. Order when converting 7970E in upright cabinet. If customer has tape drive in old Series II/III cabinet, they must also order 26078A kit. (Old cabinet does not provide sufficient cooling or counter balances for UL approval.) If customer has 1000 M/E/F with tape unit and additional equipment racked in the same cabinet, heat dissipation requirements must be investigated.

OPTION 002: Adds new read mother board (part number 07970-62392). Order when converting 7970E drive with serial number less than 1822Axxxxx. For drives with serial number above 1822Axxxxx, existing board will be modified.

Note: Tape drive in lo-boy cabinet cannot be converted to upright cabinet. The two cabinets require different tape transport castings.

26072A OPTION HO1: 7970E HP-IB TO HP-IB CONVERSION KIT. Order when upgrading 3000 Series 30/33 to Series 39/4x/6x and tape drive serial number is less than 2034Axxxxx. Contains: new HP-IB assembly (part number 07970-62417). Inspect tape unit prior to ordering option since many older units have already been upgraded through normal service activity.

26073A: 7970E MASTER TO SLAVE CONVERSION KIT. Converts 7970E master to slave tape drive. Must also order multi-unit slave read cable from Corporate Parts Center (part number 13194-60003) for interface between slave and controlling master drive.

26074A: 7971A BOTTOM DRAWER INSTALLATION KIT. Order when installing rackmount 7970B/E in bottom half of 7971A upright cabinet. Contains: support rails, mounting bracket, cosmetic panels to fit around drive, miscellaneous hardware, and installation instructions.

Note: Tape drive in lo-boy cabinet cannot be mounted in upright cabinet. The tape transport casting for the lo-boy is completely different than the casting of the upright.

26075A: MULTIPLE SYSTEM ACCESS SELECTOR. Allows manual switching of 7976A or 2680A between three different 3000 Series 3x/4x/6x systems. Contains: HP-IB switch box, user manual. Does not include HP-IB cables. Cannot configure system disc on same GIC with switch box. (The 7970B/E, 7974A, 7978A are not currently supported on the switch.)

26077A: 7970E SLAVE TO MASTER CONVERSION KIT. Converts 7970E slave drive to master for parallel differential interface. For use with 1000 M/E/F Series, must also order 13183B interface kit. For use with 3000 Series III, must also order 30215-60003 cable. For use with HP-IB system, refer to 26072A kit.

OPTION 001: Adds new power transformer. Order when slave unit serial number is less than 1647Axxxxx.

26078A: 7971A UPRIGHT CABINET KIT. Contains stand-alone 7971A upright cabinet with hardware to mount one 7970B/E in top half of cabinet.

OPTION 001: Adds hardware for mounting second drive in bottom half of 7971A cabinet.

Note: Tape drive in lo-boy cabinet cannot be mounted in upright cabinet. The tape transport casting for the lo-boy is completely different than the casting for the upright.

88700A: 7974A NRZI UPGRADE KIT. Converts single density drive (1600 cpi) to dual density (1600/800 cpi). Contains: dual density read/write head, and NRZI formatting board.

APPENDIX B

SYSTEM DISC ACCESSORIES AND FIELD UPGRADES

ACCESSORIES PART #	DESCRIPTION	AVAILABLE FROM
10833A	1m (3.3 ft. HP-IB cable)	CSO
10833B	2m (6.6 ft. HP-IB cable)	CSO
10833C	4m (13.2 ft. HP-IB cable)	CSO

MULTI-UNIT CABLES (MAC FAMILY)

13013-60012	3.7m (12 ft.)	DMD
13013-60011	1.8m (6 ft.)	DMD
13013-60014	5.5m (18 ft.)	DMD

DATA CABLES (MAC FAMILY)

13213-60002	3.6m (10 ft.)	DMD
13213-60001	7.6m (25 ft.)	DMD
13213-60004	22.9m (75 ft.)	DMD

MULTI-UNIT CABLE (1000'S)

13178C	4.9m (16 ft.)	DMD
--------	---------------	-----

MEDIA

12940A	7906 (9.8 Mb) cartridge	CSO
13394A	7920 (50 Mb) pack	CSO
13356A	7925 (120 Mb) pack	CSO
97935A	7935 (404 Mb) pack	DMD

88140S	16.7 Mb tape cartridge	CSO
88140L	67 Mb tape cartridge	CSO
	(NOTE: 7908/11/12/14 tape media)	

MAC FAMILY FIELD CONVERSIONS

To convert a 7906/20/25S (slave) to a 7906/20/25M (master) - ORDER:

13037U	Controller	DMD
or		
13037U Opt. 102	Controller with HP-IB	DMD

To convert a non-HP-IB MAC Family Drive (7906/20/25M) to HP-IB - ORDER:

12745D	HP-IB Adapter Kit & 2m HP-IB Cable	DMD
--------	---------------------------------------	-----

APPENDIX C

REPLACEMENT CABLES

PERIPHERAL CONFIGURATION
GUIDE NUMBER

CSO REPLACEMENT
CABLE NUMBER

13222N	13222-60001
13242G	13242-60010
13242H	13242-60011
13242N	13242-60001
13242X	92218D
30062C	31391A
30062C OPT. 001	31391C
30062C OPT. 002	30062-60026

(Order All Replacement Cables from CSO)

FIELD INPUT

Are there cables you would like to see stocked at CSO for quick delivery? If so, list them and return this portion of the page to:

Bill Swift
CSO
1320 Kifer Road
Sunnyvale, CA 94086

Stock the following cables for quick delivery.

GREELEY DIVISION

WORKSTATION DISCS

TECHNICAL FEATURES	3-1/2" FLEXIBLE DISCS 9121D, 9121S, 9133V/XV	5-1/4" FLEXIBLE DISCS 82901M, 82902M,	8" FLEXIBLE DISCS 9895A	5 Mbyte WINCHESTER 9133V 9133V OPT 004	10/15 Mbyte WINCHESTER 9133XV 9133XV OPT. 010 9134XV 9134XV OPT. 010
FORMATTED CAPACITY	540 Kbyte (Dual) 270 Kbyte (Single)	540 Kbyte (Dual) 270 Kbyte (Single)	2.3 Mbyte (Dual) 1.15 Mbyte(Single)	4.8 Mbyte (4.6 Mbyte w/ 9133V OPT.004)	9.68 Mbyte(10MB) 14.5 Mbyte(15MB)
Bytes per Sector	256	256	256	256	256
Sectors per Track	16	16	30	31 (30 for 4.6MByte)	31
Recording Surfaces/disc	1	2	2	2	4 (10MB) 6 (15MB)
User Tracks per Surface	66	33	75	305	305
Tracks per Inch	135	48	48	345	345
Recording Format	Double Density	Double Density	Double Density	---	---
Max. Sustained Transfer Rate*	17.5 KBytes/s	6.8 KBytes/s	25.6 KBytes/s	50 KBytes/s	50 KBytes/s
Average Access Time***	415 ms (on) 1415 ms (off)	187 ms (on) 435 ms (off)	179 ms	85 ms**	85 ms
Rotational Speed	600 rpm	300 rpm	360 rpm	3600 rpm	3600 rpm
Media Part Number (10 pack)	HP92191A	HP92190A	HP92195A	---	---

*Mainframe dependent (Use the following when the competition quotes mechanism transfer rates: 3.5" - 500Kbits/sec, 5.25" - 250Kbits/sec, 8" - 500Kbits/sec, 5.25" Winchester - 5Mbits/sec

**60 ms within 1 volume of 4 volume disc

***Please note that these are mechanism specifications and may not reflect true transfer rates. An example of this is the fact that the 3.5" floppy is faster than the 5.25" floppy in all applications that have been tested to date.

TECHNICAL FEATURES	3-1/2" DOUBLE-SIDED FLEXIBLE DISC 9122D, 9122S,	3-1/2" PORTABLE FLEXIBLE DISC 9114A			
FORMATTED CAPACITY	1420 Kbyte (Dual) 710 Kbyte (Single)	710 Kbyte			
Bytes per Sector	512	512			
Sectors per Track	9	9			
Recording Surfaces/disc	2	2			
User Tracks per Surface	77	77			
Tracks per Inch	135	135			
Recording Format	Double Density	Double Density			
Max. Sustained Transfer Rate*	18 KBytes/s	6 KBytes/s			
Average Access Time**	485 ms (on) 885 ms (off)	485 ms (on) 885 ms (off)			
Rotational Speed	600 rpm	600 rpm			
Media Part Number (10 pack)	HP92192A	HP92192A			

*Mainframe dependent (Use the following when the competition quotes mechanism transfer rates: 3.5" - 500Kbits/sec, 5.25" - 250Kbits/sec, 8" - 500Kbits/sec, 5.25" Winchester - 5Mbits/sec)

**Please note that these are mechanism specifications and may not reflect true transfer rates. An example of this is the fact that the 3.5" floppy is faster than the 5.25" floppy in all applications that have been tested to date.

DISC MEMORY DIVISION

SYSTEM DISCS

FEATURES		7908	7906	7911	7920	7912	7925	7925T
P E R F O R M A N C E	CAPACITY	16.5 Mb	19.6 Mb	28.1 Mb	50 Mb	65.6 Mb	120 Mb	240 Mb
	REMOVABLE MEDIA	*	9.8 Mb REMOVABLE	*	50 Mb REMOVABLE	*	120 Mb REMOVABLE	240 Mb REMOVABLE
	AVERAGE DATA TRANSFER	538 Kb/s	749 Kb/s	983 Kb/s	749 Kb/s	983 Kb/s	749 Kb/s	749 Kb/s
	AVERAGE SEEK	41.6 ms	25 ms	26.7 ms	25 ms	26.7 ms	25 ms	25 ms
	CARTRIDGE TAPE DRIVE (BACK-UP & I/O)	X		X		X	X (M OR S)	X
	HP-IB	X	OPT. 102 (MASTER) OR "H" SERIES	X	OPT. 102 (MASTER) OR "H" SERIES	X	OPT. 102 (MASTER) OR "H" SERIES	---
	MULTI-CPU CAPABILITY		X (M OR S)		X (M OR S)			
R E L I A B I L I T Y	ERROR CORRECTION		X (M AND S)	X (REAL-TIME)	X (M AND S)	X (REAL-TIME)	X (M AND S)	X (M AND S)
	INTERNAL DIAGNOSTICS	X		X		X		
	AUTO HEAD ALIGNMENT	N/A		N/A		N/A		
	AUTO FILTER CHECK	N/A		N/A		N/A		
C O S T O F O W N E R S H I P	FACTORY BASE PRICE	\$9.9K/ \$6.4K (-tape)	\$17K(M)/ \$13K(S)	\$14.5K/ \$11K (-tape)	\$19K(M)/ \$15K(S)	\$17K/ \$13K (-tape)	\$22K(M)/ \$18K(S)	\$31.5K
	COST PER MEGABYTE	\$600/ \$388	\$850/ \$650	\$516/ \$391	\$380/ \$300	\$259/ \$206	\$183/ \$150	\$131
	BMMC	\$46	\$125/ \$93	\$43	\$108/ \$76	\$45	\$100/ \$68	\$120
	SMMC	\$55	\$156/ \$116	\$54	\$135/ \$95	\$56	\$125/ \$85	\$170
	5 YR COST OWNERSHIP	+ \$6923	+ \$12,214	+ \$9,667	+ \$13,220	+ \$11,229	+ \$14,865	\$20,990

* Data removability is supplied through the cartridge tape drive

+ Master drive computation

DISC MEMORY DIVISION

SYSTEM DISCS

FEATURES		7914	7914TD	7933H	7933G+	7935	7935G***
PERFORMANCE	CAPACITY	132.1 Mb	132.1/ 264.2 Mb	404 Mb	1212 Mb	404 Mb	1212 Mb
	REMOVABLE MEDIA	*	1/2" MAG. TAPE STD. ADDITIONAL * AVAILABLE			404 Mb REMOVABLE	1212 Mb REMOVABLE
	AVERAGE DATA TRANSFER			1,000 Kb/s	1,000 Kb/s	1,000 Kb/s	1,000 Kb/s
	AVERAGE SEEK	27.7 ms		24 ms	24 ms	24 ms	24ms
	CARTRIDGE TAPE DRIVE (BACK-UP & I/O)	X	(OPTIONAL)				
	HP-IB	X	X	X	X	X	X
	MULTI-CPU CAPABILITY						
RELIABILITY	ERROR CORRECTION	X (REAL-TIME)	X (REAL-TIME)	X (REAL-TIME)	X (REAL-TIME)	X (REAL-TIME)	X (REAL-TIME)
	INTERNAL DIAGNOSTICS	X	X	X	X	X	X
	AUTO HEAD ALIGNMENT	N/A	N/A	X	X	X	X
	AUTO FILTER CHECK	N/A	N/A	X	X	X	X
COST OF OWNERSHIP	FACTORY BASE PRICE	\$19.5K/ 16K (CTD)	\$26.4/ \$40K OPT 114	\$25K	\$62K	\$27.5K	\$72.5K
	COST PER MEGABYTE	\$147/ \$121	\$147/ \$121	\$62	\$51	\$68	\$60
	BMMC	\$53	\$167	\$72K	\$216	\$135	\$405
	SMMC	\$66	\$209	\$90K	\$270	\$169	\$507
	5 YR COST OWNERSHIP	+ \$12,907	+ \$18,785	+ \$16,703	+ \$42,190	+ \$19,253	

* Data removability is supplied through the cartridge tape drive
 ** This configuration contains 7970 Mag Tape, may also include a cartridge tape
 + Master drive computation
 # Consists of (3) 7933H disc drives *** Consists of (3) 7935H Disc Drives

FEATURES	7970B	7970E	7974A
DENSITY (Characters per inch)	800 CPI	1600 CPI	1600 CPI 800 CPI optional
FORMAT	NRZI ANSI Std.	PE ANSI Std.	PE NRZI optional ANSI Std.
NUMBER OF TRACKS	9	9	9
APPROX. FORMATTED CAPACITY (2400 ft. reel)	20 Mbytes	40 Mbytes	40/20 Mbytes
TAPE SPEED (Inches per Second)	45 IPS	45 IPS	100 IPS (Streaming) 50 IPS (Start/Stop)
REWIND SPEED (Inches per Second)	160 IPS	160 IPS	200 IPS
BURST TRANSFER RATE *	36 Kbytes/sec	72 Kbytes/sec	160/80 Kbytes/sec
ERROR CORRECTION	Single Track Detection (no correction)	Single Track Detection and Correction	Single Track Detection and Correction (PE)
INTERFACE	Parallel	Parallel or HP-IB	HP-IB
TAPE BUFFERING	Tension Arm	Tension Arm	Tension Arm
OPERATING MODE	Start/Stop	Start/Stop	Start/Stop or Streaming Mode
CABINET STYLES	Lo-boy, Upright (7971A), or rackmount	Lo-boy, Upright (7971A), or rackmount	Upright, or rackmount (for 7974A cabinet ONLY)
LENGTH OF CABLE	4.6 M.	6 M.	2 M.

* Burst transfer rates do not necessarily reflect system throughput which varies depending upon application, file structures, and host/tape driver implementation.

GREELEY DIVISION

TAPE DRIVES

FEATURES	7976A	7978A	9144A
DENSITY (Characters per inch)	6250/ 1600 CPI	6250/ 1600 CPI	10000 BPI
FORMAT	GCR/PE ANSI Std.	GCR/PE ANSI Std.	HCD-75
NUMBER OF TRACKS	9	9	16
APPROX. FORMATTED CAPACITY (2400 ft. reel)	140/40 Mbytes	140/40 Mbytes	16.7/67
TAPE SPEED (Inches per Second)	75 IPS	75 IPS	60 IPS R/W
REWIND SPEED (Inches per Second)	250 IPS	250 IPS	90 IPS
BURST TRANSFER RATE *	468/120 Kbytes/sec	468/120 Kbytes/sec	75 Kbytes/sec
ERROR CORRECTION	2 Track Detection and Correction (GCR)	2 Track Detection and Correction (GCR)	Exclusive-OR error correction
INTERFACE	HP-IB	HP-IB	HP-IB
TAPE BUFFERING	Vacuum Column	None	None
OPERATING MODE	Start/Stop or Streaming Mode	Streaming Mode	Streaming Mode
CABINET STYLES	Upright	Upright or rackmount	Desktop ITF Package
LENGTH OF CABLE	2 M.	2 M.	None

* Burst transfer rates do not necessarily reflect system throughput which varies depending upon application, file structures, and host/tape driver implementation.

VANCOUVER DIV WORKSTATION PRINTERS

FEATURES	2932A	2933A	2934A	2671A	2671G	2673A
SUPPORTING DIVISION	VCD	VCD	VCD	VCD	VCD	VCD
DOT MATRIX/FULL FONT	9 X 12 Dot	9 X 12 Dot	9 X 12 & 36 X 24 Dot	7 X 11 Dot	7 X 11 Dot	7 X 11 Dot
INKJET IMPACT OR THERMAL	Impact	Impact	Impact	Thermal	Thermal	Thermal
SINGLE SHEET PAPER ROLL OR FANFOLD PAPER	Fan	Fan	Single Sheet or Fan	Roll or Fan	Roll or Fan	Roll or Fan
INTERFACES AVAILABLE: --RS-232C/RS-422A	RS-232 STD RS-422 OPT	RS-232 STD RS-422 OPT	RS-232 STD RS-422 OPT	RS-232C OPT	RS-232C OPT	RS-232C OPT
--HP-IB	OPT	OPT	OPT	STD	STD	STD
--8-BIT PARALLEL	--	--	--	OPT	OPT	OPT
--DATA LINK/MTS	--	OPT	OPT	--	--	--
--CENTRONICS	OPT	OPT	OPT	OPT	OPT	OPT
PRINT SPEED(S)	200 CPS	200 CPS	200/67/40 CPS	120 CPS	120 CPS	120 CPS
PAPER WIDTH	Up to 15.75"	Up to 15.75"	Up to 15.75"	8.5"	8.5"	8.5"
EXPANDED/COMPRESSED PRINT	Both	Both	Both	Compressed	Compressed	Both
RASTER GRAPHICS DUMP	90 X 90 dot/inch	90 X 90 dot/inch	90 X 90 dot/inch	--	90 X 90 dot/inch	90 X 90 dot/inch
MULTI-LINGUAL	STD	STD	STD	--	--	STD
LINEDRAWING CHARACTER SET	STD	STD	STD	STD	STD	STD
MATH CHARACTER SET	STD	STD	STD	--	--	--
OTHER	--	Prints Bar Codes	Also has "Letter" Quality	Alpha only	Alpha & Graphics	Alpha & Enhanced Graphics

VANCOUVER DIV WORKSTATION PRINTERS

FEATURES	2601A	2602A	82906A	82905B	2674A	2225X
SUPPORTING DIVISION	VCD	VCD	VCD	VCD	VCD	VCD
DOT MATRIX/FULL FONT	Full	Full	7 X 9 Dot	7 X 9 Dot	9 X 12 Dot	11X12 Dot
IMPACT OR THERMAL	Impact	Impact	Impact	Impact	Thermal	InkJet
SINGLE SHEET PAPER ROLL OR FANFOLD PAPER	Single Sheet or Fan	Single Sheet or Fan	Single Sheet or Fan	Fan	Roll or Fan	Single Sheet or Fan
INTERFACES AVAILABLE: --RS-232	STD	STD	--	OPT	INTERNAL TO HP150	--
--HP-IB	--	OPT	STD	STD	INTERNAL TO HP150	2225A
--8 BIT PARALLEL	--	--	--	OPT	INTERNAL TO HP150	--
--DATA LINK/MTS	--	--	--	--	INTERNAL TO HP150	--
--CENTRONICS	--	--	--	OPT	INTERNAL TO HP150	2225C
PRINT SPEED(S)	40 CPS	25 CPS	160 CPS	80 CPS	120 CPS	150 CPS
PAPER WIDTH	Up to 15"	Up to 15.2"	Up to 10"	Up to 10"	8.5"	8.5"
EXPANDED/COMPRESSED PRINT	10 char/inch 12 char/inch 15 char/inch	10 char/inch 12 char/inch 15 char/inch	Both	Both	Both	Both
RASTER GRAPHICS DUMP	--	--	72 X 72 dot/inch	72 X 60 dot/inch	90 X 90 dot/inch	96 X 96 192 X 96 dot/inch
MULTI-LINGUAL	Multi-Lingual Daisywheel	Multi-Lingual Daisywheel	STD	--	STD	STD
LINEDRAWING CHARACTER SET	--	--	--	--	STD	--
MATH CHARACTER SET	--	--	--	--	STD	--
OTHER	Letter Quality	Letter Quality	Epson Printer	Epson Printer	Internal to HP150 ONLY	2225B (HP-IL) ThinkJet

BOISE DIVISION

SYSTEM PRINTERS

		OEM'd from Data Printer						
FEATURES		2563A	2608A +	2608S	2611A	2619A	2680A	2685
PERFORMANCE	LPM	300	400	400	600	1000	2700 lpm 45 PPM	2700 lpm 45 PPM
	PAGES/HR*	480	640	640	960	1600	180 to 2700	180 to 2700
CHARACTERIZATION	DOT MATRIX	YES	YES	YES	NO	NO	YES	YES
	FULL FONT	NO	NO	NO	YES	YES	NO	NO
AVAILABLE PRINTER INTERFACES		HP-IB RS-232-C MTS	Parallel Differential HP-IB	HP-IB MTS	Parallel Differential	Parallel Differential	HP-IB	HP-IB
CAPABILITY	LONG CABLES	HP-IB 12 METERS RS-232-C 50 FEET	HP 3000 TO 500 FT.** HP 1000 TP 1000 FT.	HP 3000 13 METERS HP 1000 15 METERS	HP 3000 to 500 ft.** HP 1000 to 1000 ft.**	HP 3000 to 500 ft.** HP 1000 to 1000 ft.**	To 15 meters	To 15 Meters
	DATA COMM	Remote Spooled via MTS		Remote Spooled via MTS				RJE MRJE
FEATURES	MULTIPLE CHARACTER SETS	16 Maximum Resident	16 Maximum Resident	16 Maximum Resident	1 Only Resident	1 Only Resident	32 Maximum Resident	32 Maximum Resident
	OCR***	OCR-A & B	NO	NO	OCR-A & B	OCR-A & B	OCR-A & B	OCR-A & B
	BARCODE***	YES	NO	NO	NO	NO	YES	YES
	ELECTRONIC FORMS	NO (LINEDRAW)	NO (LINEDRAW)	NO (LINEDRAW)	NO	NO	YES	YES
	VFC	16 Channel Program- mable	16 Channel Program- mable	16 Channel Program- mable	12 Channel Punched Paper Tape	12 Channel Punched Paper Tape	16 Channel Program- mable	16 Channel Program- mable
	GRAPHICS	YES	HP 1000 M,E,F	YES	NO	NO	YES	YES

***Not field upgradeable to 2608S. Major differences in electronics and mechanics.**

***Printer hourly volumes are estimates based on worldwide empirical data. The formula used was LPM x 60/30 lines per page x 80%.**

****Available on parallel differential interface only!**

*****Requires availability and installation of appropriate character set. Readers vary, so test these applications thoroughly before finalizing sale.**

BOISE DIVISION

SYSTEM PRINTERS

		OEM'D from Canon	OEM'd from Ricoh		
FEATURES		2686A	2687A	2688A	
PERFORMANCE	LPM	400 lpm 8 ppm	720 LPM 12 PPM	720 lpm 12 ppm	
	PAGES/HR*	100 to 480	360 to 600	180 to 600	
CHARACTER FORMATION	DOT MATRIX	YES	YES	YES	
	FULL FONT	NO	NO	NO	
AVAILABLE PRINTER INTERFACES		RS-232C RS-422	RS-232C RS-422	HP-IB	
CAPABILITY	LONG CABLES	RS-232C 50 feet RS-422 4000 feet	RS-232C 50feet RS-422 4000 feet	Planned HP-IB Extender Support	
	DATA COMM				
FEATURES	MULTIPLE CHARACTER SETS	2 - 8 Maximum Resident	4 Maximum Resident	32 Maximum Resident	
	OCR***	NO	OCR-A & B	OCR-A & B	
	BARCODE***	NO	YES	YES	
	ELECTRONIC FORMS	NO	NO	YES	
	VFC	6 and 8 lines/inch only	6 and 8 lines/inch only	16 Channel Program- mable	
	GRAPHICS	1/2 Page @ 75 dpi	NO	YES	

**Printer hourly volumes are estimates based on pages per minute/30 lines x 80%.*

****Requires availability and installation of appropriate character set.
Readers vary, so test these applications thoroughly before finalizing sale.*

SAN DIEGO DIVISION

PLOTTERS

FEATURES	7470A	7475A	7550A	7580B	7585B	7586B
MEDIA SIZES ISO/ANSI	A4/A	A4/A or A3/B	A4/A or A3/B	A4/A thru A1/D	A4/A, A3/B, and A2/C thru A0/E	Sheets & Rolls: A4/A, A3/B, and A2/C thru A0/E
NUMBER OF PENS	2 in pen stalls	6 in carousel	8 in carousel	8 in carousel		
PEN/MEDIA COMBINATIONS	Fiber-tip pens/paper Overhead transparency pens/ overhead transparency film		Fiber-tip/paper, Transparency/ overhead, Roller-ball/paper, Drafting/vellum, Drafting/double- matte polyester film	Fiber-tip/paper Roller-ball/paper & tracing bond Drafting/vellum & double-matte polyester film		
MEDIA LOAD METHODS	Manual loading Individual sheets		Automatic feed of paper & transparencies Manual feed of all medias	Manual sheet loading for all medias		Automatic roll feed for paper, vellum, and double-matte polyester film Manual sheet loading for all medias
INTERFACE AVAILABILITY	RS-232-C (OPT. 001), or HP-IB (OPT. 002), or HP-IL(Opt. 003)	RS-232-C (Opt. 001) or HP-IB (Opt. 002)	RS-232-C and HP-IB	RS-232-C and HP-IB		
SPEED & ACCELERATION	38.1 cm/s (15 ips) 2 g's		80 cm/s (31.5 ips) 6 g's	60 cm/s (24 ips) 4 g's		
ADDR. RESOLUTION	.025 mm (.001 in.)		.025 mm (.001 in.)	.025 mm (.000984 in.)		
MECH. RESOLUTION	.025 mm (.001 in.)		.006 mm(.00025 in.)	.003 mm (.00012 in.)		
REPEATABILITY	.1 mm (.004 in.)		.1 mm (.004 in.)	.1 mm (.004 in.)		
HP-GL COMMANDS	45, 42, 41	56	84	77	82	
CHARACTER SETS	5, 1 font	19, 1 font	20, 2 fonts	21, 3 fonts		
SPECIAL FEATURES		Area fill comands Chart rotate ability	12.8 K buffer Replot capability Downloadable character sets Area fill commands	Specified accuracy 18 K buffer Downloadable character sets Area fill commands	Same as 7580/85 plus long axis plotting, unattended operation, and built in accuracy calibration	

TABLETS

FEATURES	9111A	17623A
ACTIVE AREA	218.5 X 300.8 mm (8.6 X 11.8 in.) plus 16 softkeys	295 X 217 mm (11.6 X 8.5 in.)
INTERFACE	HP-IB	Special keyboard interface (hangs on back of terminal) for use with 2623 & 2627 terminals only
RESOLUTION	0.100 mm (0.00394 in.)	Fine: 2048 X 1560 Coarse: 512 X 390 (matches CRT)
INSTRUCTION SET	HP-GL (27 commands)	Escape sequences
SPECIAL NOTES	Supported on HP Series 80, HP 9845, HP 1000, HP 9000 Series 200,500	Supported on the HP 3000 with HPDRAW, on the HP 1000 by GRAPHICS/1000-II, and on the HP 9000 HP-UX systems

PERIPHERAL CONFIGURATION GUIDE

Corporate Offices
3000 Hanover Street
Palo Alto, CA 94304

Printed in U.S.A.
5953-9450

