

Systempro/e

Systempro 486/33e Systempro 486/66e

System Boards	Assembly	Spare Part
486/33 Processor	002013 001738 001514	116794-001
486/33 Processor	002013 (DO Step)	116794-002
486DX2/66 Processor *	002211	133825-001
I/O Board	001981	141927-001 DISCONTINUED
I/O Board	001514	116796-001

* Requires system ROM version 061992.

Jumper Settings (System I/O Board 001981, 001514)

Jumper	Pins	Function
E1	2 - 3 *	Enable Power-On Password
E1	1 - 2	Disable Power-On Password
E2		Reserved
E3	2 - 3 *	Read extended nonvolatile memory on power-on (Standard Mode)
	1 - 2	Bypass extended nonvolatile memory on power-on (Maintenance Mode)
E4	2 - 3 *	Enable Integrated VGA
E4	1 - 2	Disable Integrated VGA

* Default.

Memory Board/Module	Assembly	Spare Part
32-Bit 4-Socket System Memory	001370	116799-001
32-Bit 6-Socket Memory Expansion	001376	116803-001
32 MB Dual-Socket Memory Module	001367	116802-001
8 MB Single-Socket	001361	116800-001
32-Bit Single Socket	001250	115184-001
2 MB Memory Module		
Array Accelerator Cache Memory Board	002391	123784-001

Controller Boards	Assembly	Spare Part
SMART Controller	002969 003596	142130-001 181132-001
Fast SCSI-2 Controller	002682	142040-001
Fast-Wide SCSI-2/E Controller	003529	199634-001
NetFlex Controller	002709	142041-001
NetFlex Controller Token Ring Module	142035	142042-001
NetFlex-2 ENET-TR Controller	003382	142222-001
NetFlex-2 DualPort ENET Controller	003101	142151-001
NetFlex-2 TR Controller	003647	199521-001
NetFlex-2 DualPort TR Controller	003104	142195-001
NetFlex-3/E Controller	004162	169801-001
NetFlex-3/P Controller	004165	169811-001
NetFlex-3 100 Base-TX Upgrade Module	004183	169805-001
NetFlex-3 100 VG-AnyLAN Upgrade Module	004189	169803-001

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Video Boards	Assembly	Spare Part
Advanced VGA Board	002340	126656-001
	002220	
QVision 1024/E Controller *	001924	126654-001

* See Multiproduct Boards Appendix, for settings.

Miscellaneous Boards	Assembly	Spare Part
Serial/Parallel Interface ³	000570	106886-001
	000990	
2400-Baud Internal Modem	001070	Not Available
9600/2400 Fax Modem		197458-001
		DISCONTINUED
SpeedPaq 144/I Data and Fax Modem ⁴	003002	147453-001
Server Manager/R ^{1, 2}	001897	125726-001
Server Manager/R ²	001897	125745-001

¹ Available in the US and Canada.

² Available outside of the US and Canada.

³ See Multiproduct Boards Appendix, for settings.

⁴ See Modem Configuration Information Appendix, for settings.

Hard Drive Arrays

Size	Array	Min ROM	Spare Part	Controller Assembly
340 MB	680 MB	033092	139964-001	141932
510 MB ¹	1.02 GB	033092	139965-001	141932

¹ Thermal upgrade kit 162211-001 must be used if 3 or more 510MB drives are installed.

Tape Drives	Spare Part	Tape Cartridge	Spare Part
150/250 MB	115220-001	150 MB (DC 600 XTD)	113234-001
		250 MB (DC6250)	115298-001
320/525 MB	116804-001	320 MB (DC6320)	119505-001
		525 MB (DC6525)	119504-001
1.3/2.0 GB DAT	131149-001	1.3 GB	131167-001
		2.0 GB	131148-001
		DAT Cleaning Cartridge	131194-001

Diskette Drives	Spare Part
360 KB	112567-001
1.2 MB	112566-001
1.44 MB *	112565-001

* Requires MS-DOS Version 3.31 Revision A (or later) if installed as drive B, and MS-DOS Version 3.31 Revision B (or later) if installed as drive A.

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Cable Information

Cable Function	Where Used	Spare Part
Diskette/Tape Power	Diskette Locations Q1,Q2,Q3 80/120 MB Tape	116939-001
Diskette/Tape Signal	Diskette Locations Q1,Q2,Q3 80/120 MB Tape	116940-001
Hard Drive Power	Single	120591-001
Hard Drive Power	Hard Drive Locations L1 and L2 Dual	141942-001
Hard Drive Signal	Hard Drive Locations L1 & L2 Dual	141941-001
Hard Drive Signal	Hard Drive Locations L3 and L4 Rear Dual	116937-001
Hard Drive Power	Hard Drive Locations L3 and L4 Dual	141946-001 DISCONTINUED
Hard Drive Signal	Hard Drive Locations L3 and L4 Front Dual	116938-001
Tape Power	150/250 MB Tape 320/525 MB Tape	116932-001
Tape Power	1.3/2.0 GB Tape	120591-001
Tape Signal (24-inch)	150/250 MB Tape	116931-001
Tape Signal (24-inch)	320/525 MB Tape 1.3/2.0 GB Tape	116933-001

System ROM Location (I/O Board 001981)

U33

System ROM Revision (Spare Part 128128-001)

Revision	Number on ROM
033092	128119-008
061992	136414-001
041393	144049-001

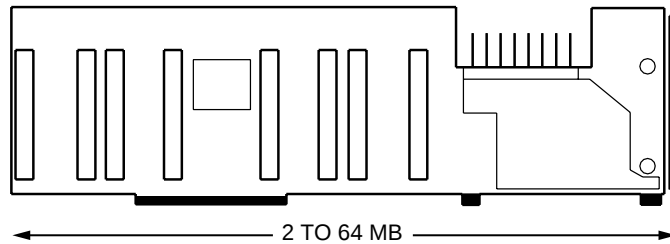
Power Supply/Battery

	Spare Part
Power Supply	116798-001
Battery/Clock Module	126570-001

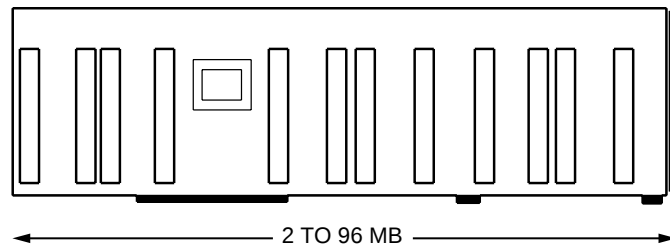
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Memory Upgrade Chart

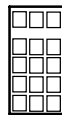
32-BIT 4-SOCKET SYSTEM MEMORY BOARD
ASSY NO. 001370



32-BIT 6-SOCKET SYSTEM MEMORY BOARD
OPTION PN 116569-001

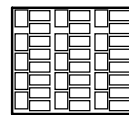


OPTION
115144-001



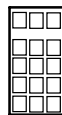
2 MB SINGLE-SOCKET
MODULE
256K X 4
(USES ONE SOCKET)

OPTION
116568-001



32 MB DUAL-SOCKET
MODULE
4 MB X 1
(USES TWO SOCKETS)

OPTION
116561-001



8 MB SINGLE-SOCKET
MODULE
1 MB X 4
(USES ONE SOCKET)

A 4-SOCKET SYSTEM MEMORY BOARD IS STANDARD ON ALL MODELS. NO MEMORY IS INCLUDED WITH SYSTEM BOARDS OR EXPANSION BOARDS. ALL MEMORY IS ADDED WITH MODULES. MEMORY EXPANSION BOARDS ARE IDENTICAL. A MAXIMUM OF TWO BOARDS MAY BE ADDED FOR A TOTAL OF 256 MEGABYTES OF MEMORY. IF SLOT 10 IS OCCUPIED BY A SECOND SYSTEM PROCESSOR BOARD, A SECOND MEMORY EXPANSION BOARD CANNOT BE ADDED, AND TOTAL MEMORY IS RESTRICTED TO 160 MEGABYTES.