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System Boards	Assembly	Spare Part
486DX/33 IDE	003155-001	149339-001
	002810-102	DISCONTINUED
		143778-001 DISCONTINUED
486DX/33 SCSI	003152-001	149338-001
	002760-102	DISCONTINUED
		143779-001 DISCONTINUED
P5/60 SCSI	003311	190159-001 DISCONTINUED
486DX2/66 IDE	003161-001	149336-001
	002813-102	DISCONTINUED
		143780-001 DISCONTINUED
486DX2/66 SCSI	003158-001	149340-001
	002816-102	DISCONTINUED
		143781-001 DISCONTINUED

SW2 Switch Settings (System Board 002810 or 002813)

1	2	3	4	5	6	Function
OFF*						Integrated Video Enable
ON						Integrated Video Disable
	OFF*					Unlock System configuration
	ON					Lock System configuration
		OFF *				Reserved
			OFF*			Diskette drive as boot drive determined by EISA configuration settings
			ON			Enable diskette drive as boot drive regardless of EISA configuration setting
				OFF*		Enable user password protection
				ON		Disable user password protection and remove old password
					OFF*	Configuration is not cleared
					ON	Configuration is cleared

* Default.

SW2 Switch Settings (System Board 003311)

1	2	Function
ON*	N/A	
OFF	N/A	
	ON	Disable Cache
	OFF*	Enable Cache

* Default.

SW4 Switch Settings

486/33 or 486DX2/66 Processor (002810, 002813)

Switch	Setting	Function
S1	ON	Reserved
S2	OFF	Reserved
S3	ON	Reserved

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Memory Modules	Speed	Assembly	Spare Part
1 MB Memory Module	70 ns	118666-004	141752-001 DISCONTINUED
1 MB Memory Module	80 ns	118666-002	118740-001 DISCONTINUED
2 MB Memory Module	70 ns	118667-004	141753-001
2 MB Memory Module	80 ns	118667-002	113923-001 DISCONTINUED
4 MB Memory Module	70 ns	118665-004	141754-001
4 MB Memory Module	80 ns	118665-002	118741-001
8 MB Memory Module	70 ns	129041-002	141755-001
8 MB Memory Module	80 ns	129041-001	128954-001
16 MB Memory Module	70 ns	137143-003	149947-001
16 MB Memory Module	80 ns	137143-002	139143-001
32 MB Memory Module	70 ns	139973-002	149948-001
32 MB Memory Module	80 ns	139973-001	139949-001
256K Cache (P5/60 only)		130826-001	190166-001

Controller Boards	Assembly	Spare Part
SMART Controller	002969	142130-001
	003596	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

Video Boards	Assembly	Spare Part
QVision 1024/E Controller (Model 340/W only) *	001924	126654-001

* See Multiproduct Boards Appendix, for settings.

Miscellaneous	Assembly	Spare Part
2400 Baud Modem(Outside NA)	001768-002	121308-002
2400 Baud Modem (NA)	001732-002	121250-001
Serial/Parallel Interface Board *	000990-001	106886-001
SpeedPac 144/I Data and Fax Modem **	003002	147453-001

* See Multiproduct Boards Appendix, for settings.

** See Modem Configuration Information Appendix, for settings.

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Hard Drives	Type	Inter-leave	Integrated	Mini ROM	Spare Part
210 MB, IDE	51	1:1	Y *	091192	116805-001 161956-001 ^{1,3} 162096-001 ^{2,3}
330 MB SCSI	N/A	1:1	Y **	N/A	142037-001
340 MB, IDE	63	1:1	Y *	091192	139964-001
510 MB, IDE	61	1:1	Y *	091192	139965-001
550 MB SCSI	N/A	1:1	Y **	N/A	142038-001
1.05 GB SCSI	N/A	1:1	Y **	N/A	142039-001
2.1 GB SCSI ***	N/A	1:1	Y **	N/A	142272-001
4.3 GB SCSI ***	N/A	1:1	Y**	N/A	199585-001

¹ IDA, IDA2.

² IDE.

³ Europe Only.

* With IDE Assembly 002810 and 002813.

** With SCSI Assembly 002760 and 002816.

*** Requires thermal upgrade kit # 199443-001.

Hard Drive Array Pairs

Drive Size	Drive Array	Spare Part	Controller
210 MB	420 MB	116805-001	141932
340 MB	680 MB	139964-001	141932
510 MB	1.02 GB	139965-001	141932

Tape Drives	Spare Part	Tape Cartridge	Spare Part
525 MB ACA	142073-001	525 MB QIC Cartridge	119504-001
1.2 GB Tape Drive	199615-001	1.2 GB QIC Cartridge	199625-001
2/8 GB DAT	142074-001	1.3 GB 60M DDS1	131167-001
		2.0 GB 90M DDS1	131148-001
		DAT Cleaning Cartridge	131194-001
4-/16 GB TurboDAT	199464-001	4.0 GB 120M DDS2	199496-001
TurboDAT	199466-001	4 Cartridge Magazine	199467-001
Autoloader		12 Cartridge Magazine	199468-001
10/20 Table Top DLT	199676-001	10/20 GB Data Cartridge	199703-001
		DLT Cleaning Cartridge	199705-001

Diskette Drives	Spare Part
360 KB	112567-001
1.2 MB	112566-001
1.44 MB	144207-001

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Cables

Cable Function	Where Used	Spare Part
Diskette Drive Signal	Diskette	143706-001
SCSI Zero Device Term	System Board	143715-001
SCSI 2-Device Controller Signal	Fast SCSI-2	143716-001
		DISCONTINUED
SCSI 2-Device Internal Signal	System Board	144275-001
SCSI 7-Device Controller Signal	Fast SCSI-2	143795-002
		144277-001
		DISCONTINUED
SCSI 7-Device Internal Signal	System Board	144278-001
		142160-001
Dual AUI Breakout		197134-001
DualPort Ethernet Loopback		142254-001
Dual IDE Hard Drive Signal	System Board	143707-001
IDA-2 Dual Hard Drive Signal	Bays 0 and 2	143708-001
IDA-2 Dual Hard Drive Signal	Bays 1 and 3	143709-001
IDA-2 Single Hard Drive Signal	Bays 4 or 5	144276-001
Tape Signal Cable	Tape	Use SCSI
NetFlex Dual TR Cable		199539-001
DLT, 6', Standard to Centronix		199714-001
DLT, 6', Wide to Centronix		199780-001
DLT, 18", Daisy Chain (Table Top)		199713-001
DLT Active Terminator		199715-001
50-pin to 68-pin Adapter		189638-001

Jumper Settings for SCSI ID

Device in Drive Bay	SCSI ID	ID2	ID1	ID0
7	N/A	N/A	N/A	N/A
6	6	ON	ON	OFF
5	5	ON	OFF	ON
4	4	ON	OFF	OFF
3	3	OFF	ON	ON
2	2	OFF	ON	OFF
1	1	OFF	OFF	ON
0	0	OFF	OFF	OFF

Processor/Coprocessor Locations

Processor Board	Processor Location	Coprocessor Location
486DX/33 (002810)	U81	Integrated
486DX2/66 (002813)	U81	Integrated

System ROM Revisions (ROMPaq Spare Part 143198-001)

Revisions	Number On ROM
091192	144218-003
092292	144218-004
040893	148509-002
2.10A	Systems ROMPaq
101493	144218-008

Power Supply/Battery	Spare Part
Power Supply	144206-001
	190144-001 (P5/60 Models)
Battery/Clock Module	149344-001

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Expanded Memory Upgrade Chart 1

Total Memory	Standard Memory	SIMMs in Socket 1	SIMMs in Socket 2	SIMMs in Socket 3	SIMMs in Socket 4
8 MB	4 MB	4 MB			
12 MB	4 MB	4 MB	4 MB		
16 MB	4 MB	8 MB	4 MB		
24 MB	4 MB	16 MB	4 MB		
36 MB	4 MB	32 MB			
52 MB	4 MB	32 MB	16 MB		
60 MB	4 MB	32 MB	16 MB	8 MB	
68 MB	4 MB	32 MB	32 MB		
76 MB	4 MB	32 MB	32 MB	8 MB	
84 MB	4 MB	32 MB	32 MB	16 MB	
92 MB	4 MB	32 MB	32 MB	16 MB	8 MB
100 MB	4 MB	32 MB	32 MB	32 MB	
116 MB	4 MB	32 MB	32 MB	32 MB	16 MB
128 MB *	4 MB	32 MB	32 MB	32 MB	32 MB

* The standard 4 or 8 megabytes of system board memory will be ignored if all 4 SIMM sockets have 32-MB SIMMs installed.

Expanded Memory Upgrade Chart 2

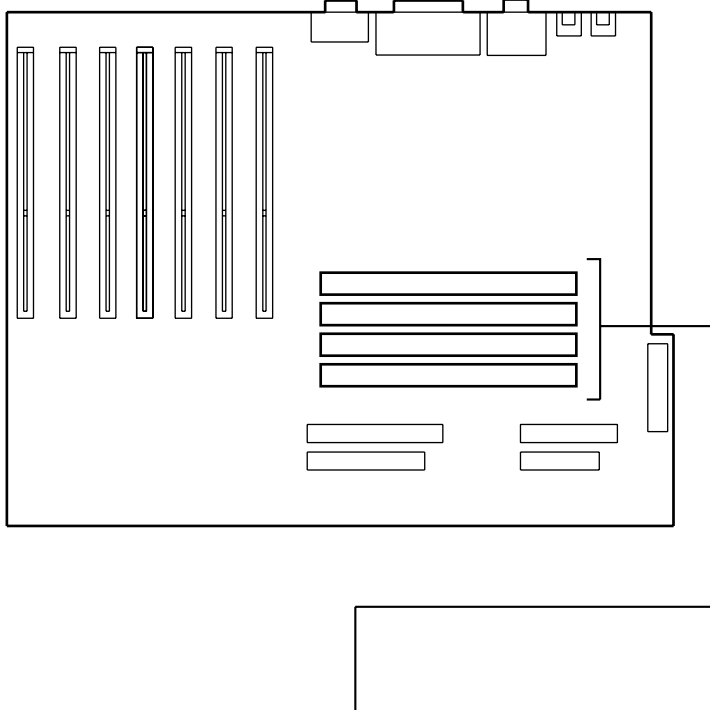
Total Memory	Standard Memory	SIMMs in Socket 1	SIMMs in Socket 2	SIMMs in Socket 3	SIMMs in Socket 4
12 MB	8 MB	4 MB			
16 MB	8 MB	8 MB			
24 MB	8 MB	16 MB			
36 MB	8 MB	16 MB	8 MB	4 MB	
40 MB	8 MB	32 MB			
56 MB	8 MB	32 MB	16 MB		
64 MB	8 MB	32 MB	16 MB	8 MB	
72 MB	8 MB	32 MB	32 MB		
88 MB	8 MB	32 MB	32 MB	16 MB	
104 MB	8 MB	32 MB	32 MB	32 MB	
112 MB	8 MB	32 MB	32 MB	32 MB	8 MB
120 MB	8 MB	32 MB	32 MB	32 MB	16 MB
128 MB*	8 MB	32 MB	32 MB	32 MB	32 MB

* The standard 4 or 8 megabytes of system board memory will be ignored if all 4 SIMM sockets have 32 MB SIMMs installed.

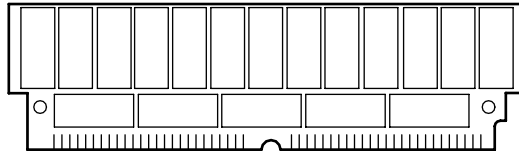
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Expanded Memory Upgrade Chart 3

PROCESSOR BOARDS
8 MEGABYTES (002760/002816)
4 MEGABYTES (002810/002813)



ADD ANY COMBINATION OF THE FOLLOWING MEMORY MODULES,
UP TO 128 MEGABYTES TOTAL SYSTEM MEMORY



1-MB MEMORY MODULE - SPARE PN 118740-001

2-MB MEMORY MODULE - OPTION PN 113923-001

4-MB MEMORY MODULE - OPTION PN 118690-001

8-MB MEMORY MODULE - OPTION PN 128877-001

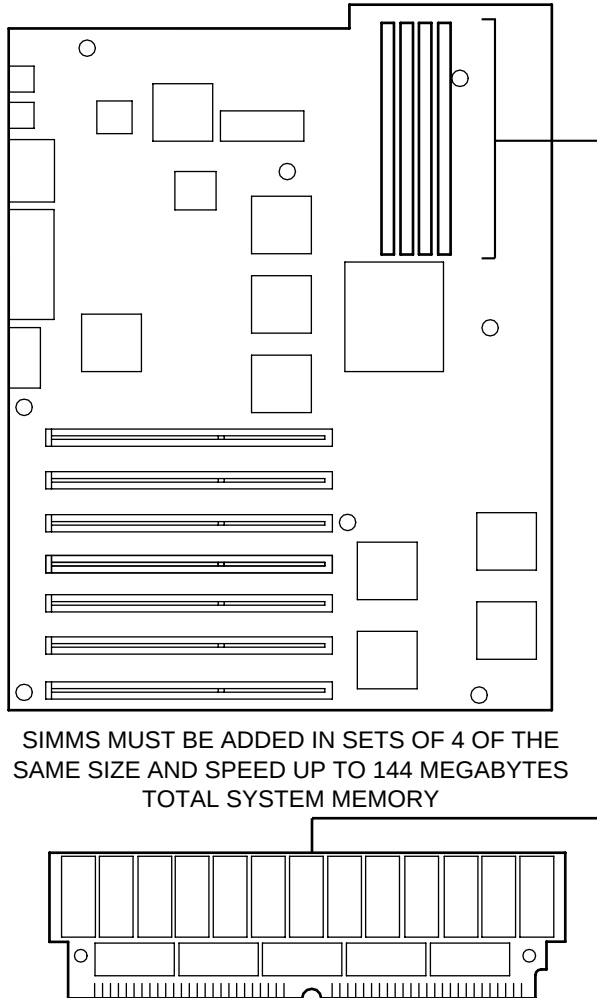
16-MB MEMORY MODULE - OPTION PN 139917-001

32-MB MEMORY MODULE - OPTION PN 139918-001

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Expanded Memory Upgrade Chart 4

PROCESSOR BOARD 003311



SIMMS MUST BE ADDED IN SETS OF 4 OF THE
SAME SIZE AND SPEED UP TO 144 MEGABYTES
TOTAL SYSTEM MEMORY

- 16-MB 70ns (4 x 4MB) - OPTION PN 149949-001
- 16-MB 80ns (4 x 4MB) - OPTION PN 136816-001
- 32-MB 70ns (4 x 8MB) - OPTION PN 149912-001
- 32-MB 80ns (4 x 8MB) - OPTION PN 136817-001
- 64-MB 70ns (4 x 16MB) - OPTION PN 149913-001
- 64-MB 80ns (4 x 16MB) - OPTION PN 149341-001
- 128-MB 70ns (4 x 32MB) - OPTION PN 149914-001
- 128-MB 80ns (4 x 32MB) - OPTION PN 1399187-001