

Presario 900

System Boards (w/o Processor)	Assembly	Spare Part	Config Codes	System
486 System Board, 4 MB	004259-101 004105-101	171009-001	HMB, HMC HLY, HLZ	Note 1
486 System Board, 8 MB	004093-102 004842-101	210063-001 DISCONTINUED	HQC, HQD HQF, HQQ	Note 2
586 System Board, P5/60, 8 MB	004378-101	187966-001 DISCONTINUED	HPT	Note 3
586 System Board, P54C, 8 MB	004447-101 004654-101 004960-101	171406-001	HPW, HPX HPY, HQZ	Note 4

¹ Presario 920, 924, CDS 920, 924, CDTV 920.

² Presario 940, CDS 942, 944, 954, CDTV 948.

³ Presario CDS 962.

⁴ Presario CDS 972, 974, 982, 992, CDTV 978.

Configuration Jumper Settings, 486 Boards w/ 4 MB (004105, 004259)

Jumper	Function	Setting	Description
P1	Clock Select	1 - 2 2 - 3	25 MHz Processor Clock 33 MHz Processor Clock (Default)
P3	L1 Cache Type	1 - 2 2 - 3	Write through Write back (Default)
P5	CMOS Power	1 - 2 Open	Secure CMOS (Default) Remove jumper 10 sec. to clear CMOS

Configuration Jumper Settings, 486 Boards w/ 8 MB (004093, 004842)

Jumper	Function	Setting	Description
P1	Clock Select	1 - 2 2 - 3	30 MHz Processor Clock 33 MHz Processor Clock (Default)
P3	DX4 Core Speed	1 - 2 2 - 3	DX4 - Core runs at 2x clock speed DX4 - Core runs at 3x clock speed
P5	CMOS Power	1 - 2 Open	Secure CMOS (Default) Remove jumper (10 sec) to clear CMOS

Configuration Jumpers for 586 Models (004378, 004447, 004654, 004960)

Jumper	Function	Setting	Description
P2	CMOS Erase	---	Remove jumper P2 for 60 seconds and replace P2 to clear CMOS; if P2 is removed for 60 seconds, password will be invalid because password is stored in CMOS
P3	Password	1 - 2 2 - 3	Enables password Disables password
J5	Replacement Battery Connector	---	Use only a 4.5v alkaline computer battery

Speed Jumpers for Pentium P54C Models (004447, 004654, 004690)

Jumper	Function	Setting	Description
P5	CPU Bus Speed	1 - 2 2 - 3	Bus Speed = 60 MHz Bus Speed = 50 MHz
P11	CPU Core to Bus Speed Ratio	1 - 2 2 - 3	Core Speed = 1.5 times bus speed Core Speed = 2 times bus speed

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Processor Jumper Settings, 486 Boards W/8 MB (004093, 004842)

Processor	30/33 MHz P1	DX4 Core P3
DX4/90	1 - 2	2 - 3
DX4/100	2 - 3	2 - 3

Processor Jumper Settings, 486 Boards w/4 MB (Assembly No. 004105, 004259)

Processor	P1 (25/33 MHz)	P3 (Cache Type)
486DX/25	1 - 2	1 - 2
486DX/33	2 - 3	1 - 2
486SX2/50	1 - 2	1 - 2
Overdrive/50	1 - 2	1 - 2
486DX2/50	1 - 2	1 - 2
486SX2/66	2 - 3	1 - 2
Overdrive/66	2 - 3	1 - 2
486DX2/66	2 - 3	2 - 3
DX4/90	1 - 2	1 - 2
DX4/100	2 - 3	1 - 2

Microprocessors	Spare Part	System
486DX2/66	171752-001	Note 2
	DISCONTINUED	
486SX2/66	189388-001	Note 1
	DISCONTINUED	
486DX4/90	200896-001	Note 3
	DISCONTINUED	
486DX4/100	200861-001	Note 4
	DISCONTINUED	
P5/60	148289-001	Note 5
P54C/75	213113-001	Note 6
P54C/90	213113-001	Note 7
P54C/100	213113-001	Note 8

¹ Presario 920, CDS 920, CDTV 920.

² Presario 924, CDS 924.

³ Presario 940, CDS 942, 944, CDTV 948.

⁴ Presario CDS 954.

⁵ Presario CDS 962.

⁶ Presario CDS 972, 974, CDTV 978.

⁷ Presario CDS 982.

⁸ Presario CDS 992.

Memory	Assembly	Spare Part	System
4 MB SIMM, 70ns, Gold Contacts	160019-003	160033-001	Note 1
4 MB SIMM, Tin/lead Contacts	172707-002	172718-001	Note 2
128K Cache Memory	004129-001	171085-001	Note 1
1 MB Video Memory	004120-001	171044-001	Notes 1, 2

¹ Presario 920, 924, 940 CDS 920, 924, 942, 944, 954 CDTV 920, 948.

² Presario CDS 962, 972, 974, 982, 992, CDTV 978.

Miscellaneous	Assembly	Spare Part	System
Backplane, 486	004149-001	137997-001	Note 1
Backplane, 586	004464-001	188706-001	Note 2
		DISCONTINUED	
Microphone, External, International		141343-001	All
		DISCONTINUED	
Speaker, External, International		160920-001	All
		DISCONTINUED	

¹ Presario 920, 924, 940; CDS 920, 924, 942, 944, 954; CDTV 920, 948.

² Presario CDS 962, 972, 974, 982, 992; CDTV 978.

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Controller Boards	Assembly	Spare Part	System
IDE Controller	002172-001	171745-001	Option
PCTV Tuner	171096-001	171092-001	All CDTV

Hard Drives	Type	Cable Select ⁷	Spare Part	System
420 MB, IDE	65		172193-001	Note 1
	65	Yes	172780-001	Note 2
525 MB, IDE	65		171012-001	Note 3
540 MB	65	Yes	188666-001	Note 4
720 MB	65	Yes	172842-001	Note 5
1.08 GB, IDE	65		172941-001	Note 6

¹ Presario 920, 924, CDS 920, CDTV 920. ⁶ Presario CDTV 992.

² Presario 940, CDS 942. ⁷ "Hard Drive Select" cable required.

³ Presario CDS 924.

⁴ Presario CDS 944, 954, 962, CDTV 948.

⁵ Presario CDS 972, 978; CDTV 974, 982.

CD-ROM Drive	System	Spare Part
CD-ROM, IDE, 2-speed	Note 1	172159-001 DISCONTINUED
CD-ROM, IDE, 4-speed	Note 2	172864-001 DISCONTINUED

¹ Presario CDS 920, 924, CDTV 920.

² Presario CDS 944, 954, 962, 972, 974, 982, 992, CDTV 948, 978.

Tape Drives	Spare Part	System	Tape Cart.	Spare Part
120/250 MB w/ Compression	187657-001	Option	120 MB	116967-001
340/680 MB w/ Compression	187658-001	Option	340 MB 680 MB	184299-001 184300-001

Diskette Drives	System	Spare Part
1.44 MB, Light Gray	All	160788-201
1.2 MB, Light Gray	Option	Discontinued

14.4K bps Modem, D/F/TAM	Assembly	Spare Part	System
U.S.	003993-001	176501-001	486 Models
U.S.	003993-002	176501-002	586 Models

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9600-Baud Modem, D/F/TAM*

Country	Assembly	Spare Part	Cable Spare Part
Australia	165231-011	165220-011	165224-011
Austria	165232-041	165220-341	165224-341
Belgium	165232-181	165220-181	165224-181
Denmark	165232-081	165220-081	165224-081
France	165232-051	165220-051	135716-001
Germany	165232-041	165220-041	165224-041
Italy	165232-061	165220-061	165224-061
Japan, Korea, Singapore, Thailand	165231-192	165220-192	165224-001
Netherlands	165232-331	165220-331	165224-331
New Zealand	165231-361	165220-361	165221-001
Sweden	165232-101	165220-101	165224-101
Switzerland	165232-111	165220-111	165224-111
United Kingdom	165231-031	165220-031	165221-001
Modem Adapter		171746-001 DISCONTINUED	

* Outside North America.

Cable Information	Spare Part	System
LED Cable, w/ Holder	141346-001	All
Multimedia External Audio Cable	176866-001	All
Diskette Drive Cable	172480-001	All
Audio Internal CD-ROM/System Board Cable	171139-001	All
Audio PCTV System Board Cable	171613-001	All CDTV
SCSI-2, 3-Connector	146997-001	All
Serial Port Cable	171141-001	All
Telephone Cable, U.S.	127949-001	All
TV Loopback Cable	171165-001	All CDTV
TV Cable Adapter	171615-001	All CDTV
Video Int. TV Board to System Board Cable	171614-001	All CDTV
Hard Drive/CD-ROM Cable (CS)	200860-001	All
Hard Drive Cable—Dual Drive	172945-001	Option

ROM Information	Spare Part	System
System ROM	171154-001	486
System ROM	200932-001 DISCONTINUED	Presario 940, CDS 942, 944, 954, CDTV 948
System ROMPaq (586)	148218-001	586
Modem ROM	176508-001	All

Power Supply/Battery	Spare Part	System
Power Supply	172432-001 DISCONTINUED	Note 1
Power Supply	172838-001 (185 Watt)	Note 2
Real-Time Clock Battery (4.5 v alkaline)	160274-001	All

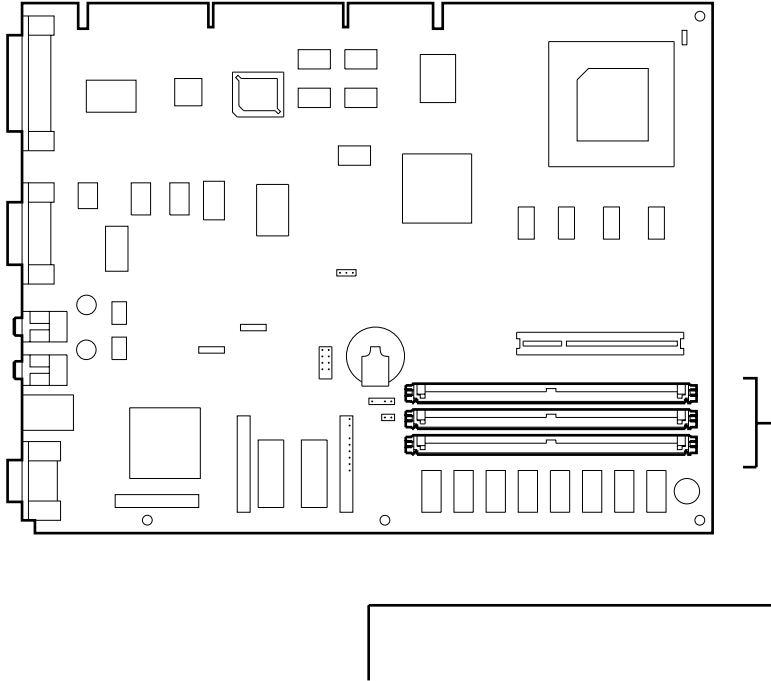
¹ Presario 920, 924, CDS 920, 924, CDTV 920.

² Presario 940, CDS 942, 944, 954, 962, 972, 974, 982, 992, CDTV 948, 978.

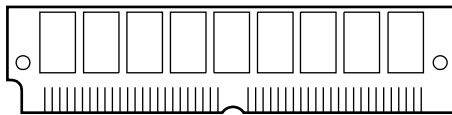
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Memory Upgrade Chart

486 SYSTEM BOARD W/4 MB MEMORY
(004105-101, 004259-101)



ADD ANY OF THE FOLLOWING
UP TO 100-MB TOTAL SYSTEM MEMORY.
Use SIMMs with gold contacts only.



4-MB MEMORY MODULE (70ns) OPTION PN 147522-001

8-MB MEMORY MODULE (70ns) OPTION PN 147523-001

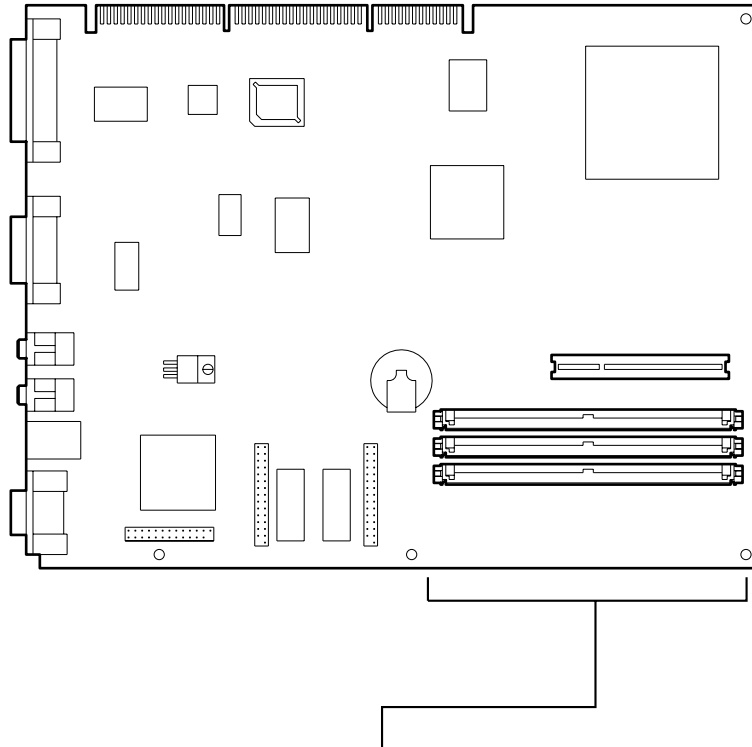
16-MB MEMORY MODULE (70ns) OPTION PN 147524-001

32-MB MEMORY MODULE (70ns) OPTION PN 147525-001

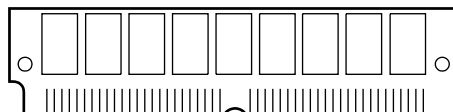
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Memory Upgrade Chart

486 SYSTEM BOARD W/8MB MEMORY
004093-002



ADD ANY COMBINATION OF THE FOLLOWING MEMORY MODULES,
UP TO 104 MEGABYTES TOTAL SYSTEM MEMORY.
Use SIMMs with gold contacts only.



4-MB 70ns - OPTION PN 147522-001

8-MB 70ns - OPTION PN 147523-001

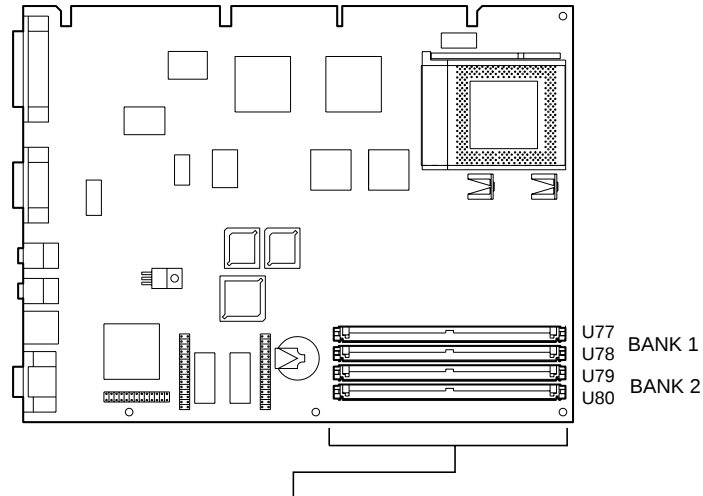
16-MB 70ns - OPTION PN 147524-001

32-MB 70ns - OPTION PN 147525-001

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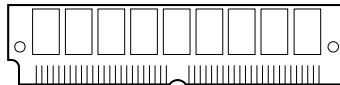
Memory Upgrade Chart

PENTIUM SYSTEM BOARDS W/8MB MEMORY
004447, 004654, 004378



A bank of memory must contain same size memory modules (2 x 4 or 8 or 16 or 32).
Populate first half of bank first, then second half. To populate with different size modules, populate first half of bank 1, then first half of bank 2 (i.e., U77 then U79).
Use SIMMs with tin/lead contacts only.

UP TO 136 MEGABYTES TOTAL SYSTEM MEMORY



4-MB 70ns - OPTION PN 172712-001

8-MB 70ns - OPTION PN 172713-001

16-MB 70ns - OPTION PN 172714-001

32-MB 70ns - OPTION PN 172715-001