

Presario 700

System Boards (w/o processor)	Assembly	Spare Part	System	Config Codes
486 System Board, 4 MB	004105 004259	171009-001	Note 1	HLU, HLV, HLW, HLX, HQA
486 System Board, 8 MB	004093 004842	210063-001	Note 2	HQB
586 System Board, P5, 8 MB	004378	187966-001	Note 3	HPS
586 System Board, P54C, 8 MB	004447 004654	171406-001	Note 4	HPU

¹ Presario 720, CDS 720, 724, CDTV 720. ² Presario CDS 742, 744, CDTV 748.

³ Presario CDS 762.

⁴ Presario CDS 772, 774.

Processor Jumper Settings, 486 Models (Assembly 004105, 004259, 004093, 004842)

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
DX4/75	1 - 2	1 - 2
DX4/100	2 - 3	1 - 2

Microprocessors	Spare Part	System
486DX2/66	171752-001	Note 1
486SX2/66	189388-001	Note 2
486DX4/90	200896-001	Note 3
P5/60	148289-001	Note 4
P54C/75	172760-003	Note 5

¹ Presario CDS 724.

² Presario 720, CDS 720, CDTV 720.

³ Presario CDS 742, 744, CDTV 748.

⁴ Presario CDS 762.

⁵ Presario CDS 772, 774.

Configuration Jumpers for 486 Models (004105, 004259)

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

Processor Jumper Settings (004393, 004842)

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

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System Configuration Jumper Settings (004093, 004842)

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

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

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

Speed Jumpers for Pentium P54C Models (004447, 004654)

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

Memory	Assembly	Spare Part	System
4 MB SIMM, 70ns	160019-003	160033-001	Note 1
8 MB SIMM, 70ns	160019-004	160034-001	Note 1
16 MB SIMM, 70ns	160019-005	177122-001	Note 1
32 MB SIMM, 70ns	160019-006	177123-001	Note 1
128K Cache Memory	004129-001	171085-001	Note 1
1 MB Video Memory	004120-001	171044-001	
4 MB SIMM, 70ns, np	172707-002	172718-001	Note 2
8 MB SIMM, 70ns, np	172707-003	172719-001	Note 2
16 MB SIMM, 70ns, np	172707-004	172938-001	Note 2
32 MB SIMM, 70ns, np	172707-005	172939-001	Note 2

¹ 486 Systems; SIMMs with gold contacts.

² 586 Systems; SIMMs with tin/lead contacts.

Miscellaneous	Assembly	Spare Part	System
Backplane, 3x3	004152-001	137996-001	Note 1
Backplane, 4x4	004560-001	187969-001	Note 2
Microphone, External, Int'l	141041-001	141343-001	All
Speaker, External, Int'l	160923-001	160920-001	All
Audio Module	176857-001	176858-001	All

¹ 486 Models.

² 586 Models.

Controller Boards	Assembly	Spare Part	System	Page
PCTV Tuner	171096-001	171092-001	CDTV 720, 748	X
6260 SCSI-2	004004-001	146993-001	All	A-6

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Hard Drives	Type	Inter-leave	Cable Select ⁶	Spare Part	System
270 MB, IDE	65/66	1:1	Yes	172778-001	Note 2
420 MB, IDE	65	1:1		172193-001	Note 1
	65	1:1	Yes	172780-001	Note 3
540 MB, IDE	65	1:1	Yes	188666-001	Note 4
725 MB, IDE	65	1:1	Yes	172842-001	Note 5

¹ Presario CDS 720, 724, CDTV720.

² Presario 720.

³ Presario CDS 742; CDTV 720.

⁴ Presario CDS 744, 762, 772, 774, CDTV 748.

⁵ Presario CDS 774.

⁶ "Hard Drive Select" cable required.

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

¹ Presario CDS 720, 724; CDTV720.

² Presario CDS 742, 744, 762, 772, 774; CDTV748.

Diskette Drives	Spare Part	System
1.44 MB, 3.5" (light gray)	160788-201	All
1.2 MB, 5.25" (light gray)	Discontinued	Option

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

9600-Baud Modem, D/F/TAM	Assembly	Spare Part	Cable Spare Part	System
Australia	165231-011	165220-011	165224-011	All
Austria	165232-041	165220-341	165224-341	All
Belgium	165232-181	165220-181	165224-181	All
Denmark	165232-081	165220-081	165224-081	All
France	165232-051	165220-051	135716-001	All
Germany	165232-041	165220-041	165224-041	All
Italy	165232-061	165220-061	165224-061	All
Japan, Korea, Singapore, Thailand	165231-192	165220-192	165224-001	All
Netherlands	165232-331	165220-331	165224-331	All
New Zealand	165231-361	165220-361	165221-001	All
Sweden	165232-101	165220-101	165224-101	All
Switzerland	165232-111	165220-111	165224-111	All
United Kingdom	165231-031	165220-031	165221-001	All
Modem Adapter		171746-001		Outside N.A.

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Cable Information	Spare Part	System
LED Cable/Assembly	172531-001	All
Audio External CPU/Audio Module	176866-001	Option
Audio Internal CD-ROM/System Board	171109-001	CDS/CDTV
Audio Internal PCTV/System Board	177131-001	CDTV
Diskette Drive Cable	172797-001	All
Hard Drive Data/CD ROM Cable	210064-001	All
Serial Port Cable	171141-001	All
Telephone Cable	127949-001	U.S. Models
TV Loopback Cable	171165-001	CDTV
TV Cable Adapter	171615-001	CDTV Models
Video Internal TV Board to System Board Cable	171164-001	CDTV Models

ROM Information	Board Assembly	Spare Part	System
System	004105, 004259	171154-001	Note 1
System	004093, 004842	200932-001	Note 2
ROMPaq		148218-011	Note 3
Modem ROM		176508-001	All

¹ Presario 720, CDS 720, 724, CDTV720. ² Presario CDS 742, 744, CDTV 748.

³ 586 Models.

Power Supply/Battery	Spare Part	System
Power Supply (U.S.)	172434-001	486 Models Note 1
Power Supply (EMEA)	172435-001	486 Models Note 1
Power Supply	172765-001	586 Models Note 2
Real-Time Clock Battery (4.5 v Alkaline)	160274-001	All

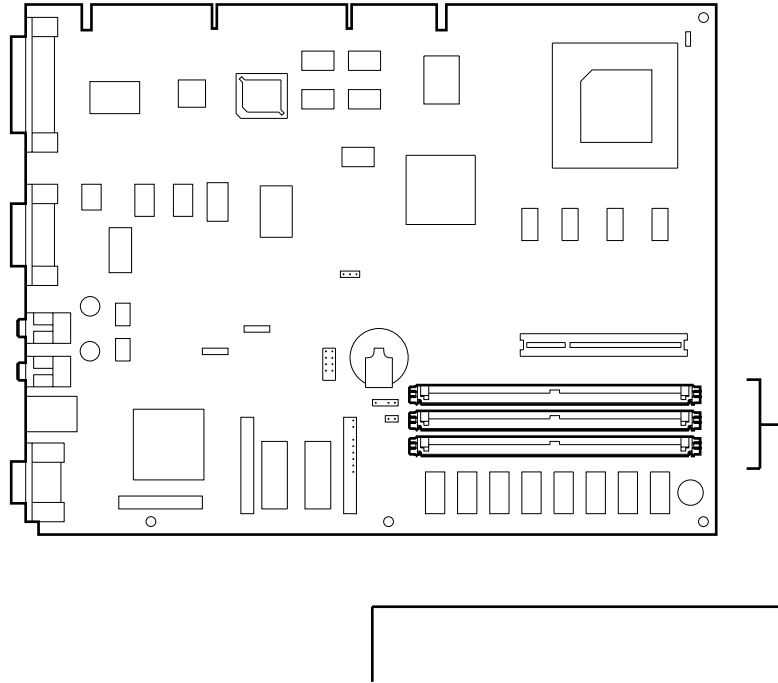
¹ Presario 720, CDS 720, 724, 742, 744; CDTV720, 748.

² Presario CDS 762, 772, 774.

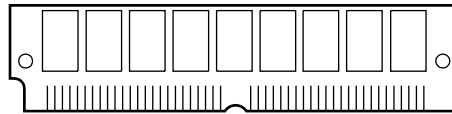
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Memory Upgrade Chart

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

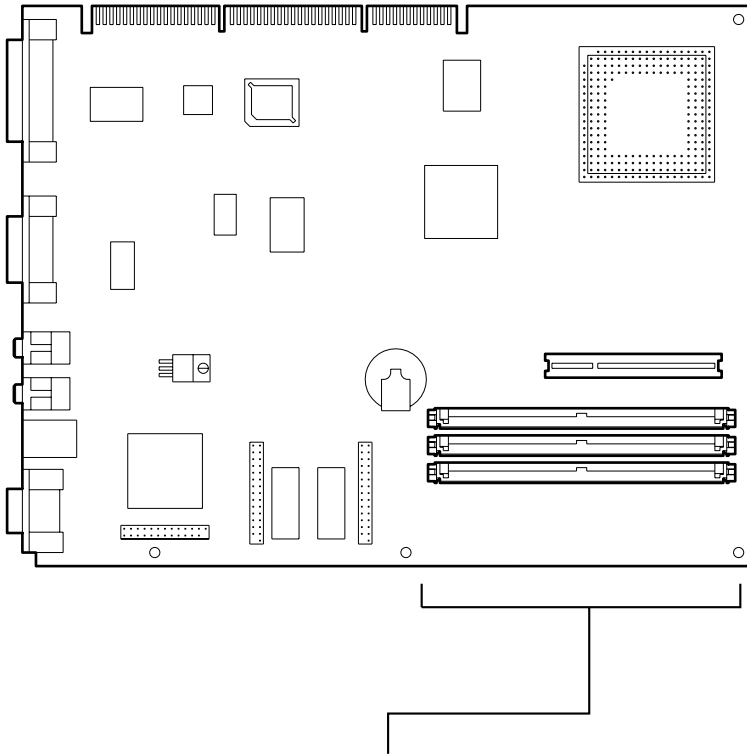
16-MB MEMORY MODULE (70ns) OPTION PN 147524-001

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

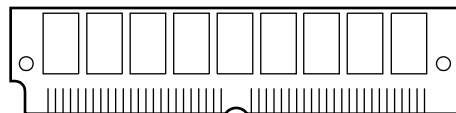
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Memory Upgrade Chart

486 SYSTEM BOARD W/8 MB MEMORY
004093, 004842



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

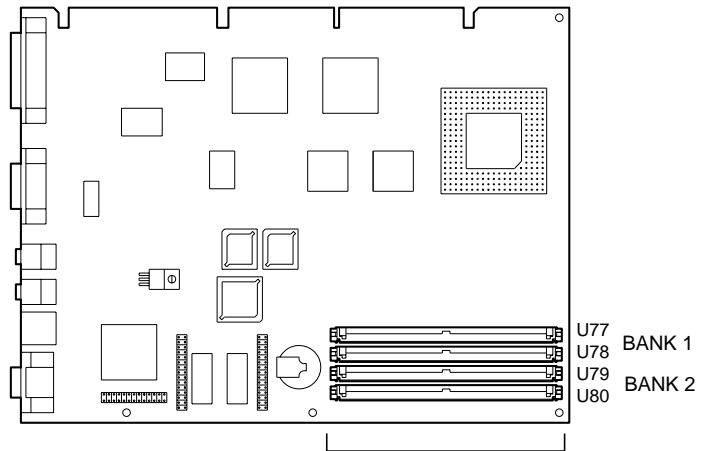
16-MB 70ns - OPTION PN 147524-001

32-MB 70ns - OPTION PN 147525-001

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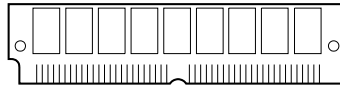
Memory Upgrade Chart

586 SYSTEM BOARD W/8 MB MEMORY
004378-101



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

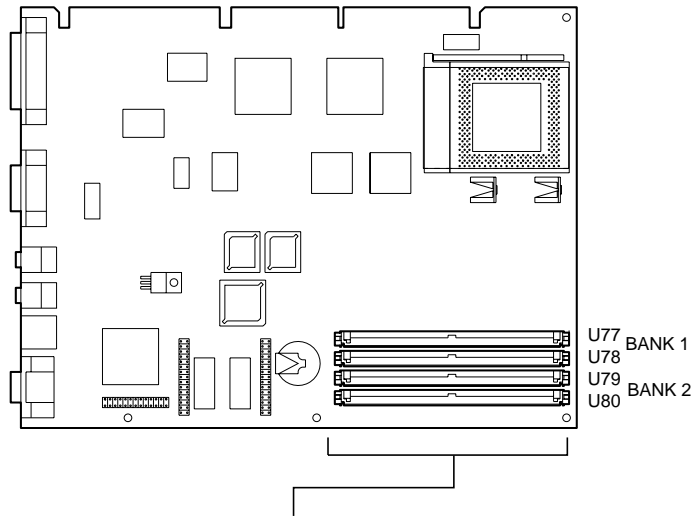
16-MB 70ns - OPTION PN 172714-001

32-MB 70ns - OPTION PN 172715-001

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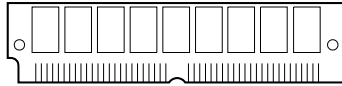
Memory Upgrade Chart

586 SYSTEM BOARD W/8 MB MEMORY
004447-101, 004654-101



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