

Presario 4100/4400

System Boards (w/o processor)

Assembly	Spare Part	System	
Sys Bd, 8MB, Trio64V	006210-101	238209-001	4120, 22, 26, 28, 30; 4400
Sys Bd, 8MB, Virge	005400-101	237706-001	4120, 22, 26, 28, 30
Sys Bd, 8MB, Trio64V+, Full Audio, w/ I/O Port		268817-001	4102, 04ES, 08, 10, 12; 4406ES
Sys Bd, 8MB, Trio64V+, Reduced Audio, w/ I/O Port		268817-002	4108, 4110
Sys Bd, 8MB, Trio64V+, Full Audio		285459-001	4160, 62, 70, 70ES, 74
Sys Bd, 8MB, Trio64V+, Full Audio w/ Cache Connect (EMEA)		285474-001	4160, 62, 74
Sys Bd, Alpine Trio, 1MB		271408-001	4180, 64, 72; 4460ES
Sys Bd, Alpine Virge, 2 MB		271407-001	4182, 84, 90
Sys Bd, Proc, 586		271407-001	4184ES

Configuration Jumper Settings

Jumper	Pins	Function
P7		Replacement battery connector
P8 Bus Speed Select	1 – 2	50MHz CPU External Bus Frequency
	2 – 3	60MHz CPU External Bus Frequency
	3 – 4	66MHz CPU External Bus Frequency
	4 – 5	55MHz CPU External Bus Frequency
P9 CPU Clock Multiplier	A1-A2 B1-B2	1.5x
	A2-A3 B1-B2	2.0X
	A2-A3 B2-B3	2.5X
	A1-A2 B2-B3	3.0X
P11 CMOS Clear	1 – 2*	Secure CMOS Power
	Open	Remove Jumper for 10 sec, reinstall to clear

*Default.

Microprocessors

Microprocessors	Spare Part	System
P54C100/60 w/o Heat Sink	213113-001	4400
P54C120/60 w/o Heat Sink	213125-001	4400; 4102, 08, 10, 12
P54C133/66 w/o Heat Sink	223311-001	4100, 04ES, 60, 62, 84, 64; 4400
P54C150/60 w/o Heat Sink	235228-001	4100, 60, 62
P54C166/66 w/o Heat Sink	235229-001	4170, 70ES, 74
P55C166/66MMX	240181-001	4180, 82, 72, 60ES,
P55C200/66MMX	240181-002	4190
586/200	240181-002	4184ES
586/200/66	288459-001	4184ES
Heat Sink	238427-001	4180, 82, 84, 90, 64, 72, 4460ES
Heat Sink w/ Clip, Thermal Pad, Grommet	285448-001	4160, 62, 70ES, 70, 74

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Memory	Assembly	Spare Part	System
4 MB SIMM, EDO, 60ns, Tin/Lead Contacts	185173-002	236512-001	All
8 MB SIMM, EDO, 60ns, Tin/Lead Contacts	185172-002	236513-001	All
8 MB DIMM	271107-002	271116-001	4180, 64, 72, 84ES, 4460ES
16 MB DIMM	271108-002	271117-001	4182, 90
1 MB Video Memory	004827-001	213859-001	4120, 22, 26, 28, 30
1 MB Video Memory	210257-003	271462-001	4180, 84, 64, 72; 4460ES
256k Cache	237716-001	243117-001	4100; 4400

Miscellaneous	Assembly	Spare Part	System
Keyboard, U.S./Can. Eng.	237743-301	237835-301	All
Mouse, Ivory	149998-004	199181-401	All
Speaker (pair)	239508-001	238207-001	4100, 02, 04ES, 12, 60, 70, 70ES, 74
Speaker (1)		288839-001	4108, 10, 62, 74
Speaker		304241-001	4184ES
Riser Card	005448-001	237708-001	4100; 4400 ex 4460ES
Riser Card	006018-001	237725-001	4460ES
Riser Card		268821-001	4102, 4104ES, 08, 10, 12, 60, 62, 70, 70ES, 74, 84ES
Remote Control w/ Batteries	237773-001	238199-001	4400
Gamepad	237776-001	238246-001	4126
Video Phone		186590-001	4122, 26, 28, 30; 4402
MPEG Controller, Option		213857-001	4160, 62, 70, 70ES, 74
Video Capture Board	297146-001	3042393- 001	4170ES, 4184ES
Multi-Port Comm Board	193819-001	271632-001	4170ES
PCI, 10/100 NIC		169849-001	4406ES, 60ES; 4104ES, 70ES, 84ES

Hard Drives	Spare Part	System
1.2 GB, IDE	244669-001	4100
1.2 GB, IDE	237859-001	4400
1.6 GB, IDE	288840-001	4100, 10, 12
	213990-001	4104ES
1.6 GB, IDE	247411-001	4400; 4120, 22, 26, 28, 30
2.1 GB, IDE	271374-001	4160, 62, 70, 70ES, 74, 84, 64, 72, 4460ES
2.1GB, IDE 3.5"	285448-001	4160, 62, 70ES, 70, 74
2.5 GB, IDE	247412-001	4120, 4122, 4126, 4128, 4130
3.2 GB, IDE 3.5	286538-001	4184ES
4.3 GB	271119-001	4180, 82, 90

CD-ROM Drive	Assembly	Spare Part	System
CD-ROM, IDE, 4-spd, Ivory	184778-401	172864-401	4100, 02, 08
CD-ROM, IDE, 6-spd, Ivory	185114-402	185116-401	4100, 04ES, 12, 10; 4406ES
CD-ROM, IDE, 8-spd, Ivory	185634-401	185674-401	4100, 10, 12, 60, 62, 70, 70ES, 74, 80, 64, 72; 4400, 4460ES
CD-ROM 16X	270932-404	271138-001	4182, 84ES, 90

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Diskette Drives	Spare Part	System
1.44 MB, 3.5"	239612-401	All

36.6k-bps Modem +FDSP+TAM ISA	Assembly	Spare Part	Cable Spare Part*
Australia	005671-003	225258-011	165224-012
Austria	005671-002	225258-341	165224-341
Belgium	005671-004	225258-181	165224-181
Denmark	005671-004	225258-081	165224-081
Euro	005671-001	225258-031	165224-032
Finland	005671-004	225258-351	165224-352
France	005671-005	225258-051	165224-051
Germany	005671-003	225258-041	165224-041
Italy	005671-002	225258-061	165224-062
Korea	005671-001	225258-AD1	165224-AD1
Latin Amer.	221500-001	221506-001	165224-001
Netherlands	005671-004	225258-331	165224-331
New Zealand	005671-001	225258-API	165224-032
NA	221500-001	221506-001	165224-001
JPN		221506-191	165224-001
APD		221506-371	165224-001
Norway	005671-004	225258-091	165224-091
Portugal	005671-002	225258-131	165224-131
Spain	005671-002	225258-071	165224-071
Sweden	005671-003	225258-101	165224-101
Switzerland	005671-006	225258-111	165224-111
U Kingdom	005671-001	225258-031	165224-032

* Use only the cable specified for each modem to ensure telephony features and agency compliance.

Cables	Spare Part	System
Cable Kit, CD, HD, Audio, Disk	237883-001	4100; 4400
Cable Kit, CD, HD, Audio, Disk	268820-001	4102, 4104ES, 08, 10, 12, 60, 62, 70, 70ES, 74
Cable, Serial Port	238406-001	4100, 60, 62, 70ES, 70, 74; 4400
Cable, Video Phone	162279-001	4122, 26, 28, 30; 4402
Cable Assembly, Monitor, Mike	268244-001	4160, 62, 70, 70ES, 74
Cable Kit, B/CB/CP	238184-001	4184ES

ROM Information	Spare Part	System
System ROMPaq	148218-001	4100; 4400
System ROMPaq	285461-001	4160, 62, 70, 70ES, 74

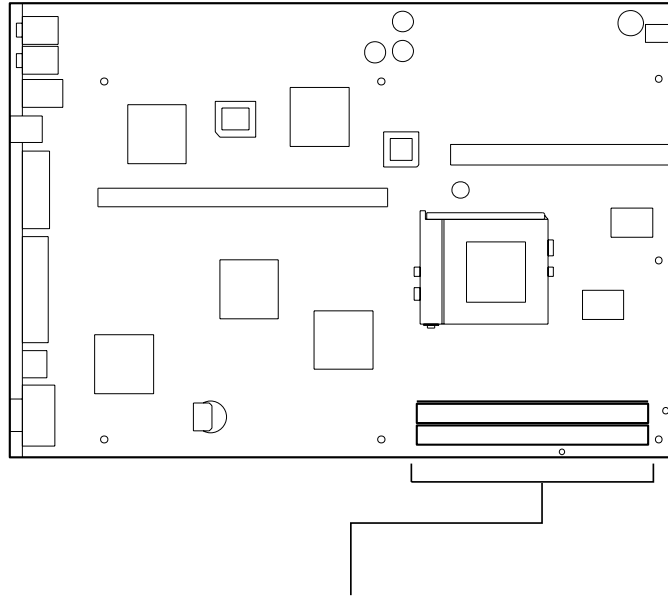
Power Supply/Battery	Spare Part	System
Power Supply, 145W	238007-001	4120, 22, 26, 28, 30, 84ES
Power Supply, 145W	288818-001	4102, 4104ES, 12, 60, 62, 70ES, 70
Power Supply, 145W PCF, EMEA	271128-001	4160, 62, 74
Power Supply, 145W PCF	238009-001	4120, 22, 26, 28, 30, 84ES
Power Supply, 145W PCF *	288819-001	4108, 10
Power Supply	237856-001	4400
Power Supply, 145W PCF *	237857-001	4400
Power Supply/MMX Connector	271461-001	4460ES
Real-Time Clock Battery (4.5 v alkaline)	160274-001	All

* For European SKUs only.

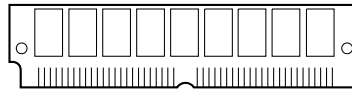
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MEMORY UPGRADE CHART

MODELS
4102, 4104ES, 4108, 4110, 4112
(8 MB)



MAXIMUM SYSTEM MEMORY IS 76 MEGABYTES



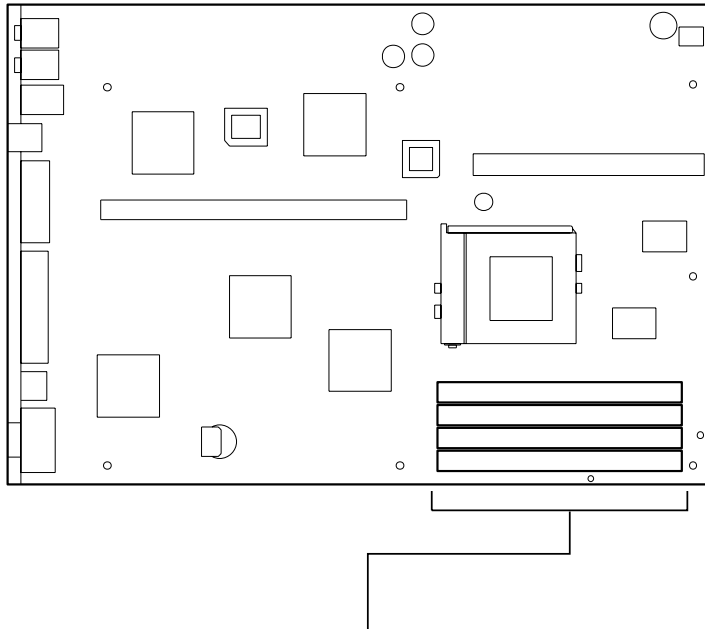
MEMORY OPTIONS ARE NOT AVAILABLE FOR THE PRESARIO 4100/4400

Memory upgrade SIMMs must be installed in pairs.
Use SIMMs with tin/lead contacts only.
EDO SIMMs are recommended for all system boards.

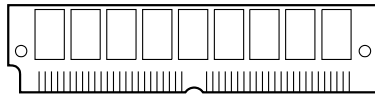
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MEMORY UPGRADE CHART

SYSTEM BOARDS
005400, 006210
(8 MB)



MAXIMUM SYSTEM MEMORY IS 128 MEGABYTES



MEMORY OPTIONS ARE NOT AVAILABLE FOR THE PRESARIO 4100/4400

Memory upgrade SIMMs must be installed in pairs.
Use SIMMs with tin/lead contacts only.
EDO SIMMs are recommended for all system boards.