

Deskpro 4000

System Boards	Assembly	Spare Part	System ¹
System Board, P5, w/ Video	005580-101	247382-001	T1
System Board, P5, w/ Video, w/ BNC	006178-301	247383-001	T1
System Board, P6, w/o Video	005468-101	247386-001	T1 ³
System Board, P6, w/o Video, w/ BNC	006180-301	247387-001	T1
System Board, P6, 3.5V, w/o Video	007130-101	283946-001	T1 ⁴
System Bd Pent II, 512KB Cache w/ BNC	007326-301	283979-001	T1
System Bd Pent II, 512KB Cache no BNC	006650-101	283957-001	T1
System Board, P55C, w/o Audio, 512K	007426-101	296682-001	T2
System Board, P55C, w/o Audio, 512K	008068-101	326969-001	T2
System Board, P55C, w/ Audio, 512K	007294-101	296687-001	T2
System Board, P55C, w/ Audio, 512K	008067-101	326968-001	T2
System Board, P55C, w/ Audio, 1 MB	007446-101	166578-001	T2
System Board, P55C, w/ Audio, 1 MB	008069-101	326970-001	T2
System Board, PII, w/ Audio	007047-101	296669-001	T3
System Board, PII, w/o Audio	007048-101	166566-001	T3
System Board, PII, w/ Audio	008096-101	322734-001	T3, T4 ²
System, Board, PII w/o Audio	008219-101	322742-001	T3, T4 ²

¹ To differentiate between systems, refer to the configuration code tables. "T1, T2, T3, T4" in the "System" column indicates products using config codes in "Configuration Code Table 1-4".

² "T4" in ped after 4Q, 1997.

³ For serial numbers X711 and lower.

⁴ For serial numbers X712 and higher.

Note: To avoid injury from electrical shock and/or hot surfaces and to prevent damage to the system board and/or interface boards (such as NICs, video controllers, and memory), unplug the AC power cord from the wall outlet and allow the internal components of the PC to cool before servicing the unit.

Configuration Jumpers, Pentium System Boards (005580, 006178)

Jumper	Function	Setting	Description
J11	Battery	6 - 7	Internal (on-board) Battery Jumper
		5 - 6	External Battery Jumper
		1 - 4	External Battery

Configuration Jumpers, Pentium Pro/Pentium II System Boards (005468, 006180, 007130, 006650, 007326)

Jumper	Function	Setting	Description
E2	Battery	6 - 7	Internal (on-board) Battery Jumper
		5 - 6	External Battery Jumper
		1 - 4	External Battery

Configuration Jumpers, MMX System Boards (006627, 007047, 007048, 007294, 007426, 007446, 008068, 008067, 008069)

Jumper	Function	Setting	Description
E50	Battery	1 - 2	Internal Battery Jumper (Default)
		2 - 3	External Battery Jumper
		5 - 6	Clear CMOS*
		9 - 12	External Battery Header

* A/C must also be removed.

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SW1, Speed Settings, Pentium System Boards (005580, 006178)

BUS Proc. Speed	S1	S2	S3	S4
100 MHz	*	OFF	OFF	ON
120 MHz	*	ON	OFF	OFF
133 MHz	*	ON	OFF	ON
166 MHz	*	ON	ON	ON
200 MHz	*	OFF	ON	ON

* S1 = Power-On Password Feature. ON = Disable. OFF = Enable.
Computer is shipped in the OFF/Enabled position.

SW1, Speed Settings, Pentium Pro System Boards (005468, 006180, 007130)

BUS Proc. Speed	S1	S2	S3	S4	S5	S6
180 MHz	*	OFF	ON	ON	OFF	ON
200 MHz	*	ON	ON	ON	OFF	ON

* S1 = Power-On Password Feature. ON = Disable. OFF = Enable.
Computer is shipped in the OFF/Enabled position.

SW1, Speed Settings, Pentium II System Boards (006650, 007326)

BUS Proc. Speed	S1	S2	S3	S4	S5	S6	S7
200 MHz	*	OFF	ON	ON	ON	OFF	ON
233 MHz	*	OFF	ON	ON	ON	OFF	OFF
266 MHz	*	OFF	ON	ON	OFF	ON	ON

* S1 = Power-On Password Feature. ON = Disable. OFF = Enable. Computer is shipped in the OFF/Enabled position.

SW1, Speed Settings, Pentium System Boards w/MMX (007294, 007426, 007446, 008068, 008067, 008069)

BUS Proc. Speed	S1	S2	S3	S4	S5	S6
66/166 MHz	*	ON	ON	**	ON	***
66/200 MHz	*	OFF	ON	**	ON	***
66/233 MHz	*	OFF	OFF	**	ON	***

* S1 = Power-On Password Feature. ON = Disable. OFF = Enable. Computer is shipped in the OFF/Enabled position.

** S4 = Unused. Computer is shipped in the OFF position.

*** S6 = A/C ON Feature. ON = Enable. OFF = Disable. Computer is shipped in the OFF/Disabled position.

SW1, Speed Settings, Pentium II System Boards (006627, 007047, 007048, 008096, 008219)

BUS Proc. Speed	S1	S2	S3	S4	S5	S6
66/233 MHz	*	OFF	OFF	ON	ON	**
66/266 MHz	*	ON	ON	OFF	ON	**
66/300 MHz	*	ON	OFF	OFF	ON	**
66/333 MHz	*	OFF	ON	OFF	ON	**

* S1 = Power-On Password Feature. ON = Disable. OFF = Enable. Computer is shipped in the OFF/Enabled position.

** S6 = A/C ON Feature. ON = Enable. OFF = Disable. Computer is shipped in the OFF/Disabled position.

SW2, Upgrading Network Connections (005580, 006178, 005468, 006180, 007130, 006650, 007326)

Upgrade Selected	S1	S2	S3	S4
10 MB	ON	ON	ON	ON
100 MB*	OFF	OFF	OFF	OFF

* Requires option module

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Keyboard Light Combinations for FailSafe Boot Block (T3 and T4 only)

Num Lock	Caps Lock	Scroll Lock	Meaning and Required Action
OFF	ON	OFF	System requires setup password. Enter the setup password. The light remains on until a valid password is entered.
ON	OFF	OFF	System could not boot from ROMPaq diskette because it is not present, is bad, or drive is not ready. Insert a valid ROMPaq diskette, turn power off and back on.
OFF	OFF	ON	ROM upgrade failed. Try another ROMPaq diskette. If light remains on, contact Compaq Customer Support.
ON	ON	ON	ROM upgrade successfully completed. Turn power off and back on to resume normal operation.

CONFIGURATION CODE TABLE 1 ¹			
Configuration Code	Assembly	System Bd Spare Part	Form Factor ²
BBB1 – BBB2	005580-101	247382-001	DT
BBB3 – BBB4	006178-301	247383-001	DT
BBQ1 – BBQ2	005580-101	247382-001	DT
BBQ3 – BBQ4	006178-301	247383-001	DT
BBQ5	005580-101	247382-001	DT
BBC1 – BBC3	005580-101	247382-001	DT
BBC4 – BBC6	006178-301	247383-001	DT
BBC7 – BBC8	005580-101	247382-001	DT
BBD1 – BBD2	005580-101	247382-001	DT
BBD3 – BBD4	006178-301	247383-001	DT
BBD5	005580-101	247382-001	DT
BBD6	006178-301	247383-001	DT
BBD7	005580-101	247382-001	DT
BBD8	006178-301	247383-001	DT
BBD9	005580-101	247382-001	DT
BBF5	005468-101	247386-001	DT
BBF6	006180-301	247387-001	DT
BBF7	005468-101	247386-001	DT
BBF8	006180-301	247387-001	DT
BJN2 ³	005468-101	247386-001	DT
BJN2 ³	007130-101	283946-001	DT
BJN3	006180-301	247387-001	DT
BMN5	005580-101	247382-001	DT
BMN6	006178-301	247383-001	DT
BMF1	006178-301	247383-001	DT
BBK2	005580-101	247382-001	MT
BBK4	006178-301	247383-001	MT
BBL3	005580-101	247382-001	MT
BBL5	006178-301	247383-001	MT
BPQ2	006650-101	283957-001	DT
BPQ3	007326-301	283979-001	DT

¹ Applicable ONLY to products with "T1" in the "System" column. Refer to note "1" in the "System Boards" table.

² DT = Desktop MT = Minitower

³ Verify correct assy number before ordering and installing spare part.

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CONFIGURATION CODE TABLE 2 ¹			
Configuration Code	Assembly	System Bd Spare Part	Form Factor ²
BNL2 – BNL7	007426-101	296682-001	DT
BNL2 ³ – NL8 ³	008068-101	326969-001	DT
BNLC – BNLF	008068-101	326969-001	DT
BPL2 – BPL6	007294-101	296687-001	DT
BPL7	007294-101	296682-001	DT
BPL2 ³ – BPL8 ³	008067-101	326968-001	DT
BPLB – BPLW	008068-101	326969-001	DT
BPM3 – BPM6	008068-101	326969-001	DT
BPM5	007294-101	296687-001	DT
BPM5 ³	008067-101	326968-001	DT
BPM6	007446-101	166578-001	DT
BPM6 ³	008069-101	326970-001	DT
BPMB – BPMF	008067-101	326968-001	DT
BPMG	008068-101	326969-001	DT
BPMH	008067-101	326968-001	DT
BPMJ	007294-101	296687-001	DT
BPMJ ³	008067-101	326968-001	DT
BPMM	008068-101	326969-001	DT
BPMQ	008067-101	326968-001	DT
BPN3	007294-101	296687-001	MT
BPN3 ³	008067-101	326968-001	MT
BPNB	008067-101	326968-001	MT
BTB9	007426-101	296682-001	DT
BTB9 ³	008068-101	326969-001	DT
BTC2	007426-101	296682-001	DT
BTC2 ³	008068-101	326969-001	DT
BXC3	008067-101	326968-001	MT
BXDZ	008067-101	326968-001	MT

¹ Applicable ONLY to products with "T2" in the "System" column.
Refer to note "1" in the "System Boards" table.

² DT = Desktop MT = Minitower

³ Shipped beginning 4Q , 1997.

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CONFIGURATION CODE TABLE 3 ¹			
Configuration Code	Assembly	System Bd Spare Part	Form Factor ²
BQ32	007048-101	166566-001	DT
BQ32 ³	008219-101	322742-001	DT
BQ33	007047-101	296669-001	DT
BQ33 ³	008096-101	322734-001	DT
BQ34	007048-101	166566-001	DT
BQ34 ³	008219-101	322742-001	DT
BQ43 – BQ44	007047-101	296669-001	DT
BQ43 ³ – BQ44 ³	008096-101	322734-001	DT
BQ3B – BQ3C	007047-101	296669-001	DT
BQ3B ³ – BQ3C ³	008096-101	322734-001	DT
BQ3D	007048-101	166566-001	DT
BQ3D ³	008219-101	322742-001	DT
BQ3F	007047-101	296669-001	DT
BQ3F ³	008096-101	322734-001	DT
BQ3G	008096-101	322734-001	DT
BQ3H – BQ3L	007048-101	166566-001	DT
BQ3H ³ – BQ3L ³	008219-101	322742-001	DT
BQ3M – BQ3Q	007047-101	296669-001	DT
BQ3M ³ – BQ3Q ³	008096-101	322734-001	DT
BQ4B – BQ4H	007047-101	296669-001	DT
BQ4B ³ – BQ4H ³	008096-101	322734-001	DT
BQ4K – BQ4L	007048-101	166566-001	DT
BQ4K ³ – BQ4L ³	008219-101	322742-001	DT
BQ4M – BQ4N	007047-101	296669-001	DT
BQ4M ³ – BQ4N ³	008096-101	322734-001	DT
BR9C	007047-101	296669-001	DT
BR9C ³	008096-101	322734-001	DT
BR96	007047-101	296669-001	DT
BR96 ³	008096-101	322734-001	DT
BSBC	007047-101	296669-001	MT
BSBC ³	008096-101	322734-001	MT
BSB3	007047-101	296669-001	MT
BSB3 ³	008096-101	322734-001	MT
BSC3	007047-101	296669-001	MT
BSC3 ³	008096-101	322734-001	MT

¹ Applicable ONLY to products with “T3” in the “System” column.

Refer to note “1” in the “System Boards” table.

² DT = Desktop MT = Minitower

³ Shipped beginning 1Q, 1998.

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CONFIGURATION CODE TABLE 4 ¹			
Configuration Code	Assembly	System Bd Spare Part	Form Factor ²
BQ3G – BQ3S	008096-101	322734-001	DT
BQ4D – BQ4Q	008096-101	322734-001	DT
BR9D – BR9F	008096-101	322734-001	DT
BSCB	008096-101	322734-001	MT
BWJ3	008096-101	322734-001	DT
BXFZ	008096-101	322734-001	DT
BXGZ	008096-101	322734-001	MT

¹ Applicable ONLY to products with “T4” in the “System” column, referenced in the tables below. Refer to Note: in the “System Boards” table.

² DT = Desktop MT = Minitower

Microprocessors	Spare Part	System
P5/100	213113-001	T1
P5/120	213125-001	T1
P5/133	223311-001	T1
P5/166	235229-001	T1
P55C 166/66 (MMX)	240181-001	T1, T2
P55C 200/66 (MMX)	240181-002	T1, T2
P55C 233/66 (MMX)	286258-001	T2
P6/180	234536-001	T1
P6/200 ¹	210998-001	T1 ²
P6/200, 3.5V ¹	283938-001	T1 ³
Heat Sink, Pentium	185961-001	T1
Heat Sink, Pentium Pro ¹	185962-001	T1
Heat Sink, Pentium Pro, 3.5V ¹	295802-001	T1
Heat Sink, P5 133/200/233	243128-001	T1
Pentium II 233/66, Module	166512-001	T3
Pentium II 233, Module	283956-001	T1
Pentium II 266/66, Module	166511-001	T3
Pentium II 300/66, Module	296672-001	T3
Pentium II 333/66, Module	322775-001	T4

¹Verify correct assembly number before ordering and installing spare part.

²For serial numbers X711 and lower.

³For serial numbers X712 and higher.

Memory	Assembly	Spare Part	System
1 MB Graphics EDO Module ¹	004824-001	213859-001	T1
2 MB SGRAM for Virge/GX and Matrox MGA 1064/SG	007213-001	278094-001	T2, T3, T4
2 MB WRAM Module ²	223335-001	223339-001	T1
4 MB SIMM, EDO, 60ns	185173-002	236512-001	T1
4 MB WRAM for Millennium II	270309-001	270260-001	T3, T4
6 MB WRAM Module ²	223336-001	223340-001	T1
8 MB DIMM, 66 MHz	278029-002	288438-001	T2, T3, T4
8 MB SIMM, EDO, 60ns	185172-002	236513-001	T1
12 MB WRAM for Millennium II	270310-001	270262-001	T3, T4

Continued

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Memory	Assembly	Spare Part	System
16 MB DIMM, 66 MHz	278030-002	278066-001	T2, T3, T4
16 MB DIMM, ECC, 66 MHz	268307-002	278097-001	T2, T3, T4
16 MB SIMM, EDO, 60ns	185174-002	243115-001	T1
32 MB DIMM, 66 MHz	278031-002	278067-001	T2, T3, T4
32 MB DIMM, ECC, 66 MHz	268308-002	288440-001	T2, T3, T4
32 MB SIMM, EDO, 60ns	185007-002	243116-001	T1
64 MB DIMM, 66 MHz	270859-002	278095-001	T2, T3, T4
64 MB DIMM, ECC, 66 MHz	270857-002	278098-001	T2, T3, T4
128 MB DIMM, 66MHz	270858-002	278096-001	T2, T3, T4
128 MB DIMM, ECC, 66 MHz	270856-002	278099-001	T2, T3, T4

¹ Cirrus 5446 Models ² Millennium Models

Note: To avoid injury from electric shock and/or hot surfaces and to prevent damage to the system board and/or interface boards (such as NICs, video controllers, and memory), unplug the AC power cord from the wall outlet and allow the internal components of the PC to cool before servicing the unit.

Miscellaneous	Assembly	Spare Part	System
AUI/BNC Adapter	142858-002	192768-001	T2, T3, T4
Business Pro Audio	006047-001	247428-001	T1, T2
External Infrared Transceiver		185963-001	All
Enhanced EE Keyboard, U.S.		247431-101	T1
Enhanced EE Keyboard, U.S.		247432-101	T1
Fan (two pin connector)		297867-001	T3, T4
Fan (four pin connector)		322772-001	T4
Keyboard, Spacesaver, U.S.	166516-001	166514-001	T2, T3
Mouse	141649-004	141189-401	T1
Mouse		166576-001	T2, T3, T4
Microphone		194376-001	T1
Microphone		278266-001	T2, T3, T4
Power Switch, Momentary		166645-001	T2, T3, T4
Riser Board, 1-1-2, AGP	007451-001	270883-001	T3, T4 DT
Riser Board, 1-1-3	005930-001	247391-001	T1 DT
Riser Board, 2-1-2	005587-001	247390-001	T1 DT
Riser Board, 2-1-2	007244-001	270882-001	T2 DT
Riser Board, 3-0-4	007430-001	270880-001	T2 MT
Riser Board, 3-0-4, AGP	007415-001	270881-001	T3, T4 MT
Riser Board, 4-0-3	005957-001	247392-001	T1 MT
Scanner Keyboard, U.S.		185288-301	T1
Speaker		247508-001	T1
Speaker, 2.5", .5W		166507-001	T2, T3

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Controller Boards	Assembly	Spare Part	System
CL-GD 5446 Graphics Board, PCI	247279-001	247425-001	T1
Graphics, S3 Virge-GX		296684-001	All
Matrox MGA 1064/SG	007412-001	296677-001	All
Matrox MGA 220	328694-001	296677-001	T3, T4
Matrox Millennium II, 2D, PCI	270243-001	270242-001	All
Millennium Graphics, PCI	006443-001	243136-001	T1
USCSI, PCI, Plug and Play	185202-001	247399-001	All

Note: To avoid injury from electric shock and/or hot surfaces and to prevent damage to the system board and/or interface boards (such as NICs, video controllers, and memory), unplug the AC power cord from the wall outlet and allow the internal components of the PC to cool before servicing the unit.

CD-ROM Drive	Spare Part	System
CD-ROM, Internal, 8X, IDE	185916-201	All
CD-ROM, 16X, IDE, Slot Load	278791-001	T2
CD-ROM, 24X, IDE, Slot Load	278026-001	T3 T4
PD/CD-ROM, SCSI	184691-201	T1
PD/CD-ROM, 6X, IDE	238439-201	All
PD 650 MB Cartridge	186075-001	All

Hard Drives	Spare Part	System
1.08 GB, EIDE, SMART T1*	185959-001	T1
1.62 GB, EIDE, SMART T1*	247411-001	T1
2.4 GB, IDE, Ultra ATA	296679-001	T2, T3
2.5 GB, EIDE, SMART T1*	247412-001	T1
3.2 GB, IDE, Ultra ATA	296681-001	T2, T3, T4

* T1 SMART = Self-Monitoring Analysis and Reporting Technology.

Tape Drives	Spare Part	System	Tape Cart	Spare Part
340/680 MB	187658-001	All	340 MB	184299-001
with Compression			680 MB	184300-001
1.2 GB ACA	199615-001	All	1.3 GB DAT	131167-001
4 GB TR4, IDE	294126-001	All	4 GB TR4	294140-001
5.0 GB DAT	142074-201	All	2.0 GB DAT	131148-001
			5.0 GB DDS2	199496-001
2/8 GB DAT	142074-001	All	2.0 GB DAT	131148-001
			4.0 GB DDS2	199496-001

Diskette Drives	Spare Part	System
1.2 MB, 5.25," ½ Height	Discontinued	All
1.44 MB, 3-Mode	160788-201	All
LS-120, 3-Mode, IDE	263709-001	All
LS-120 Diskette	186076-001	All

28.8 Kb/s Modem (All systems)

Country	Assembly	Spare Part	RJ-11 Phone Cable
U.S.	223610-002	259214-002	127949-001

33.6 Kb/s Data/Fax Modem (All systems)

Country	Assembly	Spare Part	RJ-11 Phone Cable
U.S.	295106-001	259214-002	127949-001

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Cables	Spare Part	System
BNC "T" Adapter	186522-001	All
Business Pro Audio	171109-001	All
CD/LS-120 Diskette/Tape Drive, IDE, 3-pos	247568-001	All DT
CD/LS-120 Diskette/Tape Drive, IDE, 3-pos	200860-001	All MT
CD-ROM, IDE	214356-001	All
LED, SCSI	247485-001	T1
PD-CD and Hard Drive, SCSI, 3-pos, Term	247486-001	All
Token Ring Cable Assembly	172844-001	T2
Thermistor Cable	283986-001	T1
Hood Lock/Power Switch Assembly	166565-001	T2, T3
Power Adapter, LS-120	186423-001	All
Diskette Drive, 1.44 MB	247483-001	T1, T2, T3
Diskette Drive, 1.44 MB	247487-001	All MT
Diskette Drive, 1.44 MB	166506-001	All MT
Diskette Drive, 1.44 MB, 3 Mode	298848-001	T4
Hard Drive or Diskette Drive (120 MB), IDE	247484-001	All DT
Hard Drive or Diskette Drive (120 MB), IDE	243085-001	All MT

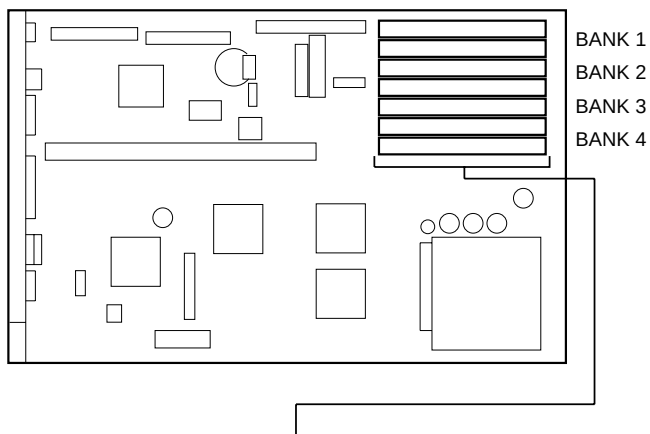
ROM Information (All systems)	Spare Part
System ROMPaq	183991-001

Battery/Power Supply	Spare Part	System
Battery Clock , Real-Time (4.5 V Alkaline)	160274-001	All
Power Supply, 160 W	247132-001	T1 DT
Power Supply, 200 W	247134-001	T1 MT
Power Supply, 200 W, 5V, Aux	270656-001	T2
Power Supply, 200 W, Pentium II	166572-001	T3 DT, T4
Power Supply, 280 W, Pentium II	270657-001	T3 MT

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Memory Upgrade Chart

PROCESSOR BOARD
P5: 005580-101, 006178-301
P6: 005468-101, 006180-301, 007130 (Not shown)
PII: 007326, 006650



ADD MEMORY MODULES IN MATCHED PAIRS
INTO BANKS 2,3 THEN 4 UP TO 256 MEGABYTES
TOTAL SYSTEM MEMORY



8-MB, (2 x 4-MB, EDO DRAM, SIMMs, 60ns) - OPTION PN 243011-002

16-MB (2 x 8-MB, EDO DRAM, SIMMs, 60ns)- OPTION PN 243012-002

32-MB (2 x 16-MB, EDO DRAM, SIMMs, 60ns) - OPTION PN 243013-002

64-MB (2 x 32-MB, EDO DRAM, SIMMs, 60ns) - OPTION PN 243014-002

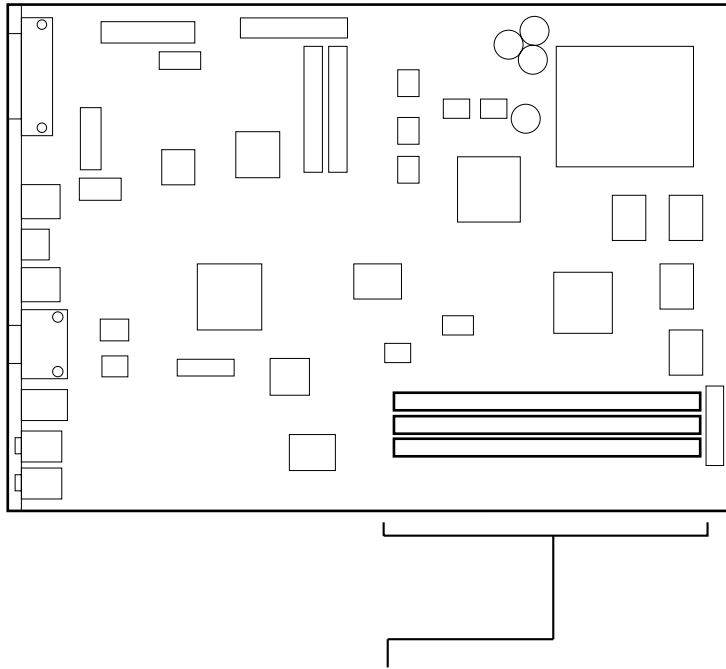
NOTE: Each option part number is a kit containing two memory modules.

CAUTION: Your SIMM sockets have tin-lead metal contacts that are silver in appearance. When upgrading your memory, it is important to use SIMMs with tin-lead metal (not gold) to prevent corrosion and/or oxidation resulting from having incompatible metals in contact with each other.

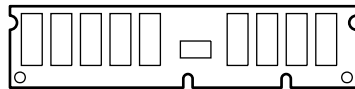
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Memory Upgrade Chart

SYSTEM BOARD 32-MB
P55C: (007294, 007426, 007446)
Pentium II: (007047, 006627, 007048 008067,
008068, 008069, 008096, 008219)



A MAXIMUM OF 256 MB TOTAL MEMORY



8-MB 66ns DIMMS, EDO - OPTION PN 242802-B21

16-MB 66ns DIMMS, EDO - OPTION PN 242803-B21

32-MB 66ns DIMMS, EDO - OPTION PN 242804-B21

64-MB 66ns DIMMS, EDO - OPTION PN 242805-B21

128-MB 66ns DIMMS, EDO - OPTION PN 270812-B21