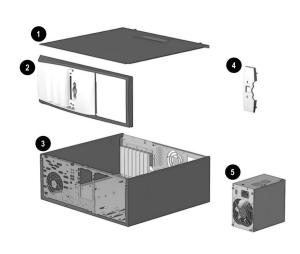
Compaq Evo D510 Convertible Minitower

Illustrated Parts Map



COMPAQ



System Unit

1	Access Panel	Not spared
2	Front bezel assembly, complete	299172-001
	Front bezel main panel insert, EMEA only (Blue Angel)	301645-001
3	Chassis assembly (reference only)	Not spared
4	Front bezel I/O insert, 2 USB, 2 audio	292209-001
5	Power supply, PFC, dual voltage	277979-001

Mass Storage Devices (not illustrated)

• • • • • • • • • • • • • • • • • • • •	
20-GB, UATA, 100/7200 Quiet hard drive	180476-001
20-GB, UATA, 100/5400 Quiet hard drive	254451-001
20-GB Hard drive, MultiBay	273407-001
36.2-GB U3 SCSI, 10 K hard drive	192197-001
40-GB UATA 100/7200 Quiet hard drive	202904-001
40-GB UATA 100/5400 Quiet hard drive	236921-001
80-GB UATA, 100/7200 Hard drive	250185-001
Diskette drive, 3.5-inch, buttonless, carbon	278644-001
24X CD-ROM drive	228746-001
48X CD-ROM drive, carbon	232320-001
16/10/24X CDRW drive	286691-001
40/12/40X CDRW drive	286711-001
8X CDRW drive, MultiBay	251292-001
6/10/40/12X CVD-DVD drive	281749-001
16X DVD drive	278647-001

Miscellaneous Screws (not illustrated)

micromanocus concine (not muchatou)	
Miscellaneous screw kit, includes:	257050-001
.197 dia x 17 TPI x 0.5 lg, Plastite flathead, Phillips (4 ea) (247481-001)	
6-19 x 3/8 hi-top, plastite with captive washer (1 ea.) (114399-069) (not used this product)	
6-19 x 1/4 hi-top, plastite with captive washer (1 ea.) (114399-067)	
6-32 x 3/16 hi-top, thread forming with serrations (4 ea.) (192308-003)	
6-32 x 3/16 buttonhead tamper-resistant, taptite with serrations (1 ea.) (296769-002)	
6-32 x 1/4 hi-top, thread forming with serrations (5 ea.) (192308-001)	
M3 x 5mm, hi-top, plastite with serrations (4 ea.) (247348-001)	

© 2002 Compaq Information Technologies Group, L.P.

Compaq, the Compaq logo, and Evo are trademarks of Compaq Information Technologies Group, L.P.

Intel, Pentium, and Celeron are trademarks of Intel Corporation in the United States and other countries.

All other product names mentioned herein may be trademarks of their respective companies.

Compaq shall not be liable for technical or editorial errors or omissions contained herein. The information in this document is provided "as is" without warranty of any kind and is subject to change without notice. The warranties for Compaq products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty.

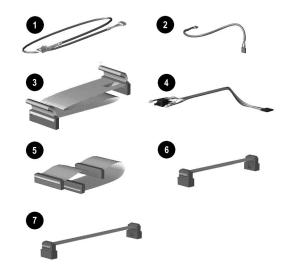
August 2002

Document Part Number 292402-002



Spare Part Number 301291-001





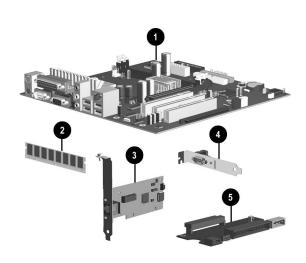
Cables

1	Audio cable for CD ROM drive, 21"	149806-001
2	Front panel audio cable, 451 mm (245152-001)	255440-001
*	USB cable for front panel, 12.5" (245151-003)	289574-001
3	Diskette drive cable (143218-005)	257309-001
4	Power switch/LED cable with switch and LEDs (174682-002)	257303-001
*	Solenoid cable (244168-001)	255438-001
*	IDE Ultra ATA dual device, hard drive/CD-ROM cable, 10" with pull tab, center polarization (108950-037)	257047-001
5	IDE Ultra ATA dual device, hard drive/CD-ROM cable, 14" (108950-038)	257048-001
*	SCSI LED cable (225537-001)	247485-001
*	SCSI data cable (155825-001)	158277-001
6	Second serial port cable (284217-001) (use with 283094-001)	302652-001
7	MultiBay signal cable (277521-001)	302604-001
Cable kit, includes:		303279-001
*	MultiBay data cable (289050-001)	
*	Hard drive, optical drive data cable (108950-042)	

^{*}Not shown

Keyboards (not illustrated)

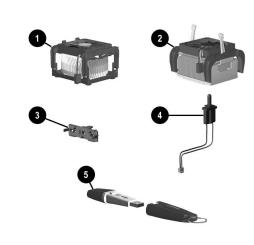
Easy Access, PS/2 USB		271122-xxx 271124-xxx	
Belgian	-181	Latin American Spanish	-161
Brazilian Portuguese	-201	Norwegian	-191
BHCSY*	-B41	Polish	**
Czech	-221	Portuguese	-131
Danish	-081	Russian	-251
Dutch/Netherlands	**	Slovakian	-231
Finnish	-351	Spanish	-071
French	-051	Swedish	-101
French-Canadian	-121	Swiss	-111
German	-041	Taiwanese	-AB1
Greek	-151	Thai	-281
Hungarian	-211	Turkish	-141
Italian	-061	United Kingdom	-031
Japanese	-191	U.S.	-001
Korean (Hanguel)	-AD1		



Standard and Optional Boards

2 Memory module, 128 MB RAM, DDR 285648-001 * Memory module, 256 MB RAM, DDR 285649-001 * Memory module, 512 MB RAM, DDR 285650-001 Intel Celeron Processor with alcohol wipe 288691-001 * 1.7 GHz 288692-001 Pentium P4 Processor with alcohol wipe 252919-001 * 1.8 GHz, 256 K cache 252919-001 * 1.9 GHz, 256 K cache 255435-001 * 2.0 GHz, 512 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288689-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 </th <th>1</th> <th>System board</th> <th>283983-001</th>	1	System board	283983-001	
* Memory module, 512 MB RAM, DDR 285650-001 Intel Celeron Processor with alcohol wipe * 1.7 GHz 288691-001 * 1.8 GHz 288692-001 Pentium P4 Processor with alcohol wipe * 1.7 GHz, 256 K cache 252919-001 * 1.8 GHz, 256 K cache 255435-001 * 1.9 GHz, 256 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273051-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288689-001 * 1.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	2	Memory module, 128 MB RAM, DDR	285648-001	
Intel Celeron Processor with alcohol wipe	*	Memory module, 256 MB RAM, DDR	285649-001	
* 1.7 GHz 288691-001 * 1.8 GHz 288692-001 Pentium P4 Processor with alcohol wipe * 1.7 GHz, 256 K cache 252919-001 * 1.8 GHz, 256 K cache 255435-001 * 1.9 GHz, 256 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273052-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	Memory module, 512 MB RAM, DDR	285650-001	
* 1.8 GHz 288692-001 Pentium P4 Processor with alcohol wipe * 1.7 GHz, 256 K cache 252919-001 * 1.8 GHz, 256 K cache 255435-001 * 1.9 GHz, 256 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273052-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	Inte	Celeron Processor with alcohol wipe		
Pentium P4 Processor with alcohol wipe * 1.7 GHz, 256 K cache	*	1.7 GHz	288691-001	
* 1.7 GHz, 256 K cache 252919-001 * 1.8 GHz, 256 K cache 255435-001 * 1.9 GHz, 256 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273051-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	1.8 GHz	288692-001	
* 1.8 GHz, 256 K cache 255435-001 * 1.9 GHz, 256 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273051-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	Pen	tium P4 Processor with alcohol wipe		
* 1.9 GHz, 256 K cache 255436-001 * 2.0 GHz, 512 K cache/400 MHz 273051-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	1.7 GHz, 256 K cache	252919-001	
* 2.0 GHz, 512 K cache/400 MHz 273051-001 * 2.2 GHz, 512 K cache/400 MHz 273052-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	1.8 GHz, 256 K cache	255435-001	
* 2.2 GHz, 512 K cache/400 MHz 283925-001 * 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	1.9 GHz, 256 K cache	255436-001	
* 2.4 GHz, 512 K cache/400 MHz 283925-001 * 2.4 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 279777-001	*	2.0 GHz, 512 K cache/400 MHz	273051-001	
* 2.26 GHz, 512 K cache/533 MHz 288688-001 * 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	2.2 GHz, 512 K cache/400 MHz	273052-001	
* 2.4 GHz, 512 K cache/533 MHz 288689-001 * 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	2.4 GHz, 512 K cache/400 MHz	283925-001	
* 2.53 GHz, 512 K cache/533 MHz 288690-001 Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	2.26 GHz, 512 K cache/533 MHz	288688-001	
Other Boards * Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NVI1 graphics, 64 MB, with ATX bracket 279777-001	*	2.4 GHz, 512 K cache/533 MHz	288689-001	
* Front mounted Audio/USB board 284247-001 3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NVI1 graphics, 64 MB, with ATX bracket 279777-001	*	2.53 GHz, 512 K cache/533 MHz	288690-001	
3 NIC, 3COM 253951-001 * Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	Oth	Other Boards		
* Intel Pro 100 S NIC 215774-001 * Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	Front mounted Audio/USB board	284247-001	
* Modem, Lucent v90 239411-001 * PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	3	NIC, 3COM	253951-001	
* PCI Expansion card 252609-001 4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	Intel Pro 100 S NIC	215774-001	
4 Second serial port card 283984-001 5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	Modem, Lucent v90	239411-001	
5 MultiBay adapter board 283985-001 * nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	*	PCI Expansion card	252609-001	
* nVIDIA NV11 graphics, 64 MB, with ATX bracket 279777-001	4	Second serial port card	283984-001	
	5	MultiBay adapter board	283985-001	
* U3 SCSI controller 158364-001	*	nVIDIA NV11 graphics, 64 MB, with ATX bracket	279777-001	
	*	U3 SCSI controller	158364-001	

^{*} Not shown



Miscellaneous Parts

001	
001	
001	
ws	
001	
Heatsink mounting base and attaching screws	
001	
001	
001	
001	
001	
001	
291	
-	

^{*}Not shown

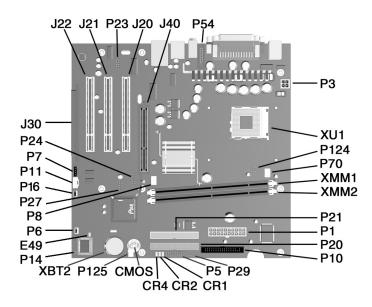
Miscellaneous Plastics (not illustrated)

Diskette drive bezel, carbon	257403-001
Miscellaneous plastics kit, includes	257051-001
Switch holder (245154-001 (2 ea)	
Bezel blank (166775-002)	
Cable clip (172948-001)	
Logo plate (243831-001)	
Power switch spring (not for this product)	
LED holder (not for this product)	

Documentation and Packaging (not illustrated)

Service Reference Guide	259968-001
Quick Troubleshooting Guide	153837-001
Illustrated Parts Map	301291-001
Return kit	270020-001

^{*}Bosnia-Herzegovina, Croatia, Slovenia, and Yugoslavia **Use B31 for 240441-xxx, use -002 for 164996-xxx



System Board Connectors and Jumpers (position of some untitled components may vary in location)

CMOS	Clear CMOS
CR1	5V Aux (ON)/PSON (OFF)
CR2	Power button (OK)
CR4	3.3V_Aux
E49	Password
J20	PCI Expansion slot 1
J21	PCI Expansion slot 2
J22	PCI Expansion slot 3
J30	PCI extension
J40	AGP slot
P1	Power, main
P3	Power, processor (VCCP12V)
P5	Power switch/LED
P6	Speaker
P7	CD audio
P8	Chassis fan
P10	Diskette

	,,,,,,,
P11	Aux audio
P14	Boot block
P16	Intrusion
P20	Primary ATA
P21	Secondary ATA
P24	Front USB
P27	MultiBay
P29	SCSI LED
P54	Com port B header
P70	CPU fan
P124	Hood lock
P125	Hood sensor
XBT2	Battery
XMM1	DIMM 1
XMM2	DIMM2
XU1	Processor socket

System Hardware Interrupts

IRQ	System Function
0	Timer Interrupt
1	Keyboard
2	Interrupt Controller Cascade
3	Serial Port (COM B)
4	Serial Port (COM A)
5	Audio
6	Diskette Drive
7	Parallel Port (LPT 1)

IRQ	System Function		
8	Real-Time Clock		
9	Available for PCI		
10	Available for PCI		
11	Available for PCI		
12	Mouse		
13	Coprocessor		
14	Primary ATA (IDE) controller		
15	Secondary ATA (IDE) controller		

Computer Diagnostic LEDs (on front of computer)

LED	Color	LED Activity	State/Message	
Power	Green	On	(S0) Computer on	
Power	Green	1 blink every 2 seconds	(S1) Normal Suspend Mode	
Power	Green	1 blink every 2 seconds	(S3) Suspend to RAM	
Power	None	Off	(S4) Suspend to Disk (if applicable)	
Power	None	Off	(S5) Computer off	
Power	Red	2 blinks 1 second apart, fol- lowed by 2-second pause - Repeat	CPU thermal shutdown	
Power	Red	On	CPU not installed	
Power	Red	1 blink every 1 second	ROM error	
Power	Red	1 blink every 2 seconds	Power supply crow bar	
Hard Drive	Green	Blinking	Hard drive activity	

Keyboard Diagnostic LEDs

LED	Color	LED Activity	State/Message	
Num Lock	k Green Flashing (Beeps - 1S, 2L) Memory error		Memory error	
Caps Lock	Green	Flashing (Beeps - 1L, 2S)	No video	
Scroll Lock	Green	Flashing (Beeps - 2L, 1S)	System board failure, prior to video	
Num, Caps, Scroll Lock	Green	Flash On-Off 2 times (Beeps - 1L, 3S)	Invalid system ROM detected. ROM forces reflash.	
Num, Caps, Scroll Lock	Green	On (Rising Tone)	ROM reflashed successfully	
Num Lock	Green	On	Boot block recovery failed - ROMPaq diskette not present, is bad, or drive not ready.*	
Caps Lock	Green	On	Enter password.	
Num, Caps, Scroll Lock	Green	Blink On in sequence, one at a time - N, C, SL	Keyboard locked in network mode	

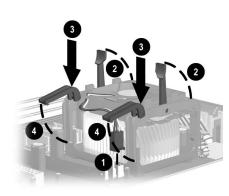
^{*} Insert valid ROMPaq diskette in drive A. Turn power switch off, then on to reflash ROM. If ROM flash is successful, all three keyboard LEDs will light up, and you will hear a rising tone series of beeps. Remove diskette and turn power off, then on to restart the computer. For more information about flashing the ROM, refer to the Troubleshooting guide.

System Board Diagnostic Lights¹

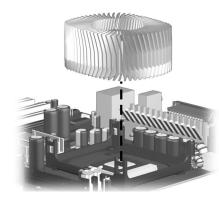
Main Power Switch Status	3.3 V_Aux LED	5 V_Aux/PSON LED	Power Button LED
OFF ²	ON	ON ⁴	OFF
ON ³	ON	OFF ⁵	ON

- 1. ON and OFF state of LEDs apply only to a good, working system board with AC power applied to the power supply.
- Power LED on front of computer is OFF.
 Power LED on front of computer is ON (Green).
- 5. PSON is active = power supply is turned ON.

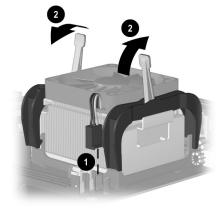
Type 1 Heatsink

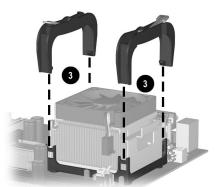


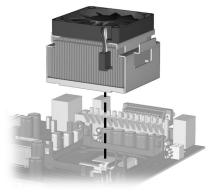




Type 2 Heatsink







Clearing CMOS

The computer's configuration (CMOS) may occasionally be corrupted. If it is, it is necessary to clear the CMOS

To clear and reset the configuration, perform the following procedure:

1. Prepare the computer for disassembly.

CAUTION: The power cord must be disconnected from the power source before pushing the Clear CMOS Button (NOTE: All LEDs on the board should be OFF). Failure to do so may damage the system board

- 2. Remove the access panel.
- 3. Press the CMOS button located on the system board and keep it depressed for 5 seconds.
- 4. Replace the access panel.
- 5. Turn the computer on and run F10 Computer Setup (delete-utility) to reconfigure the system.

Disabling or Clearing the Power-On and Setup Passwords*

- 1. Turn off the computer and any external devices, and disconnect the power cord from the power outlet.
- 2. Remove the access panel.
- Locate the header and jumper labeled E49.
- 4. Remove the jumper from pins 1 and 2. Place the jumper over pin 2 only, in order to avoid losing it.
- 5. Replace the access panel.
- Plug in the computer and turn on power. Allow the operating system to start. (Placing the jumper on pin 2 clears the current passwords and disables the password features.)
- To re-enable the password features, repeat steps 1-3, then replace the jumper on pins 1 and 2.
- 8. Repeat steps 5-6, then establish new passwords.

Refer to the Computer Setup (F10 Setup) instructions to establish new passwords.