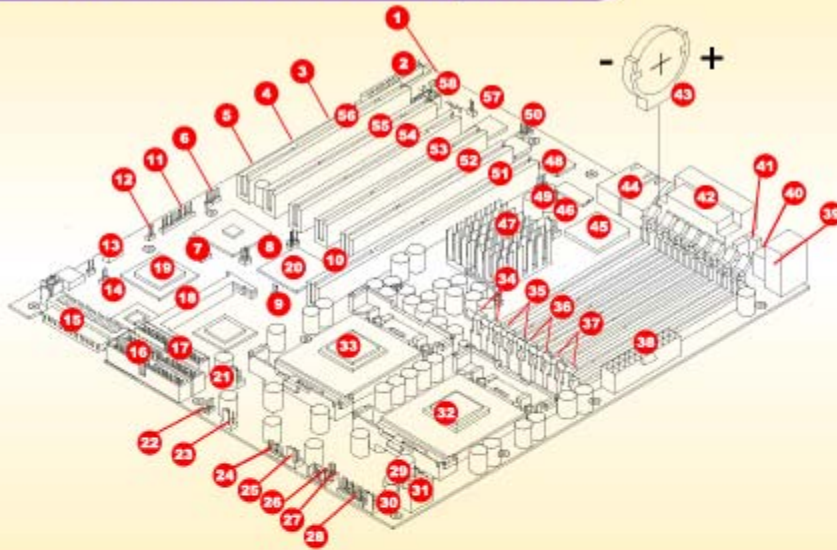


6022P-8R Motherboard Components



P4DP8-G2 Quick

Jumpers	Description
JPA1/2	SCSI channel A/B term.
JD4	Gigabit LAN Enable/Disable
JBT1	CMOS clear
JP33	CPU chassis/CPU fan select
JP38	Thermal fan enable/disable
JP4	VGA enable/disable
JP9	Power fail alarm En/Dis
JP22	SCSI enable/disable
JP37	Watch dog enable/disable

Rear Panel Fu

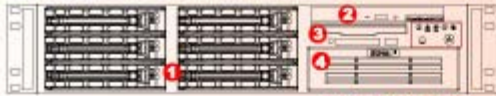


1. Auto switching AC power connect
2. PS/2 mouse and keyboard ports
3. 2 USB ports
4. COM 1 port
5. VGA port
6. Parallel port
7. 2 x Gigabit LAN ports
8. 7 I/O expansion slots

1 Super P4DP8-G2 serverboard	21 CPU2 fan	43 Battery
2 JA4: Ultra SCSI CH B	22 JL1: chassis intrusion header	44 LAN1, LAN2 ports
3 JBT1: CMOS clear	23 CPU2/chassis fan	45 ATI Rage XL graphic chip
4 JWDR: wake-on-ring header	24 USB 4	46 Overheat fan
5 WOL: wake-on-LAN header	25 JP33: CPU chassis/CPU fan select	47 MCH
6,7,8,9,10 JP10-JP21: PCI-X bus speed setting	26 JP9: third power fail header	48 JP4: VGA enable/disable
11 USB2, USB3	27 JP36: alarm reset switch	49 JP38: thermal fan enable/disable
12 JP32: ACPI/sleep button header	28 JF2: front control panel conn.	50 JD4: LAN1/LAN2 enable/disable
13 JD1: PWR LED/speaker/NMI header	29,30 CPU1 fan, Chassis fan 1	51 JP17/Bus 1B (PCI-X 133MHz, slot #6)
14 JPA1/JPA2: SCSI CH A/B termination	31 Secondary ATX power conn.	52 JP18/Bus 1A (PCI-X 100MHz, slot #5)
15 JA1: Ultra III LVD SCSI CH A	32,33 CPU1, CPU2	53 JP19/Bus 2A (PCI-X 100MHz, slot #4)
16 J3/J2: IDE#1/IDE#2 drive conn.	34,35,36,37 Bank1, 2, 3, 4	54 JP20/Bus 2B (PCI-X 66MHz, slot #3)
17 JP7: floppy drive conn.	38 ATX power conn.	55 JP21/Bus 2B (PCI-X 66MHz, slot #2)
18 IPMI 1.5 port	39 Keyboard & mouse	56 JP23/Bus 2B (PCI-X 66MHz, slot #1)
19 Adaptec 7902 SCSI chip	40 USB 0 & USB1	57 JP35: keylock switch conn.
20 P64H2	41,42 COM1, VGA, parallel port	58 COM2 serial port connector

Note: Interleaved ECC registered memory requires DDR DIMMs to be installed in pair.

Front Panel Functions



1. 6 SCA Ultra320 hot-swap drive bays
2. 1 slim CD-ROM drive
3. Floppy Drive
4. 1 x 5.25" drive bay
5. Overheat: Indicates an overheat condition in the system
6. NIC2: Indicates network activity on LAN2 when flashing
7. NIC1: Indicates network activity on LAN1 when flashing
8. HDD: Indicates CD-ROM drive activity
9. Power: Indicates power is being supplied to the system's power supply units
10. Power Fail: Indicates a power supply module has failed.

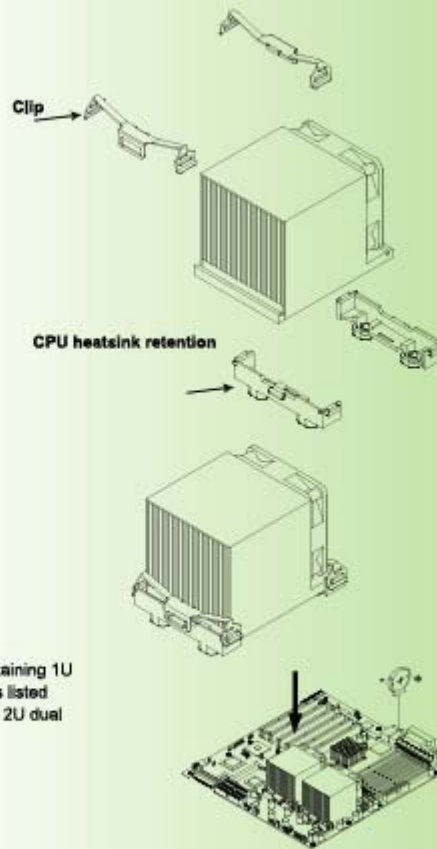
Cooling Fan Installation

Warning !

CPU Heatsink Installation Procedure
(For Supermicro SuperServer 2U Systems)

Due to the fact that adequate air flow and proper thermal control are very critical in maintaining 1U system's stability and performance, it is imperative that the proper installation procedures listed below be followed in order to maximize system performance. This is especially critical for 2U dual Xeon processor server solutions.

- 1) Only those CPU heatsinks that are provided by Supermicro should be used.
- 2) Apply a small amount of silicon compound on the CPU's die.
- 3) Place the CPU heatsink on top of the CPU.
- 4) Attach the heatsink clips to the heatsink retention pieces, one on each side of the heatsink as shown in the diagram at right.
- 5) The three tabs on each heatsink retention pieces should completely protrude through the corresponding holes on the heatsink clips.



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To protect the system and components, it is essential that you reinstall the top panel after you have finished working on the system.