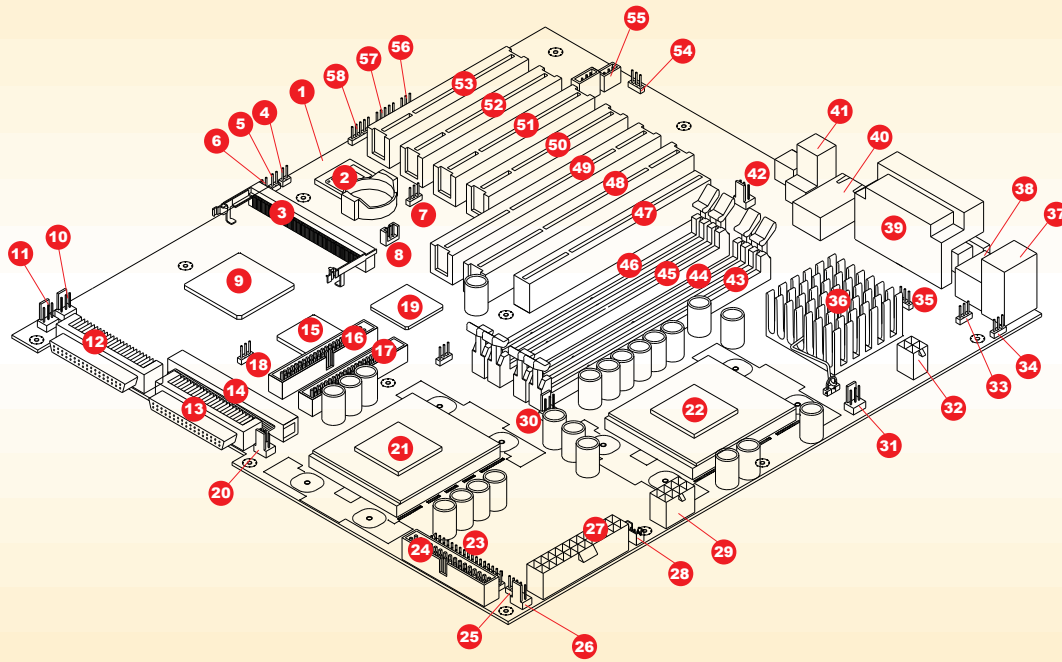


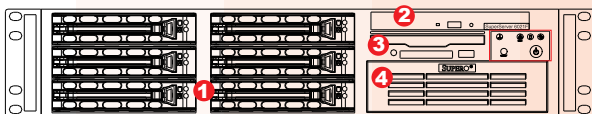
Motherboard Components



1 System Board	19 P64H	37 Mouse and Keyboard Ports
2 BIOS	20 CH FAN3	38 2 USB Ports
3 RAID Port	21, 22 CPU#1, CPU#2	39 Parallel Port, COM1, COM2
4 JWOR	23 JF1	40 LAN
5 JPA1 SCSI Terminator	24 Floppy	41 AC97' Audio CODEC
6 JPA2 SCSI Terminator	25 JP38	42 OH FAN
7 JP34	26 CH FAN4	43,44 Rambus Bank 0 *
8 WOL	27 ATX Power	45,46 Rambus Bank 1 *
9 AIC-7899	28 JP37 Power Fail Signal Conn.	47 AGP Pro Slot
10, 11 CH FAN1, CH FAN2	29 J24 (8-pin 12V conn.)	48,49 2 64-bit PCI (66MHz)
12 Ultra160 LVD SCSI CHA	30, 31 CPU FAN1, CPU FAN2	50,51,52,53 4 32-bit PCI (33MHz)
13 Ultra160 LVD SCSI CHB	32 J23 (4-pin 12V conn.)	54 JP35
14 Ultra SCSI CHB	33 JP39	55 CD1, CD2
15 ICH2	34 JPWAKE	56 JP4
16, 17 IDE#1, IDE#2	35 JP36	57 J20
18 JBT1	36 MCH	58 J29

* Two continuity memory modules must be installed in Bank 1 if only one pair of RAMBUS modules is installed in Bank 0.

Front Panel Functions

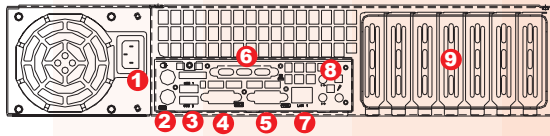


1. 6 SCA Ultra160 hot-swap drive bays
2. 1 slim CD-ROM
3. Floppy drive
4. 1 x 5.25" drive bay
5. Overheat: Indicates an overheat condition in the system
6. NIC1: Indicates network activity on LAN1 when flashing
7. HDD: Indicates IDE channel activity.
8. Power: Indicates power is being supplied to the system's power supply units

P4DC6+ Quick Reference

Jumper	Description	Default Setting
JBT1	<input type="checkbox"/> CMOS clear	Pins 1-2 (Normal)
JP2, JP2A1	Manufacturer setting	Pins 1-2 (Auto)
JPA1, A2	SCSI termination	Open (Enabled)
JPA3	64-bit PCI speed select	Open (66 MHz)
JP4	<input type="checkbox"/> Onboard audio	Pins 1-2 (Enabled)
JP35	LAN enable/disable	Pins 1-2 (Enabled)
JP34	<input type="checkbox"/> SCSI enable/disable	Pins 1-2 (Enabled)
JP36	<input type="checkbox"/> Manufacturer setting	Pins 1-2 (Enabled)
JP38	Third power supply fail alarm	Open (Disabled)
JP39	USB wake up	Pins 1-2 (Enabled)
JPWAKE	Keyboard wake up	Pins 1-2 (Disabled)

Rear Panel Functions



1. AC Power connector
2. PS/2 Mouse and Keyboard ports
3. 2 USB ports
4. COM 1
5. COM 2
6. Parallel port
7. Intel 82559 LAN port
8. AC'97 audio CODEC
9. 7 low-profile I/O expansion slots

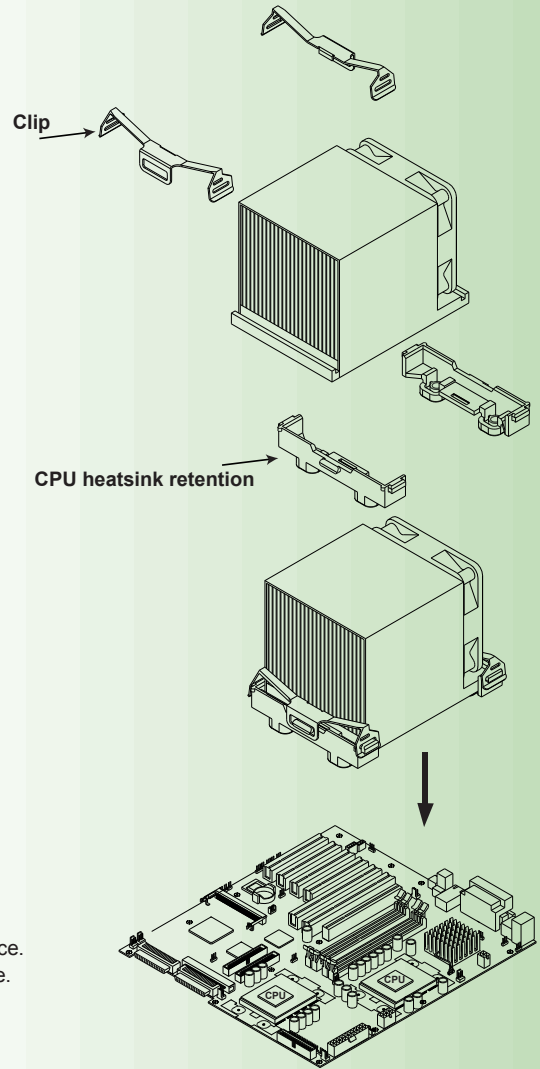
Cooling Fan Installation

Warning !

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

Due to the fact that adequate air flow and proper thermal control are very critical in maintaining 2U 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 processor servers with speeds of 1 GHz and above.

- 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) Place the heatsink spring on top of the CPU heatsink and secure the clip of the spring into its notch.
(Make sure the clip position is the same as in the picture shown)



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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.