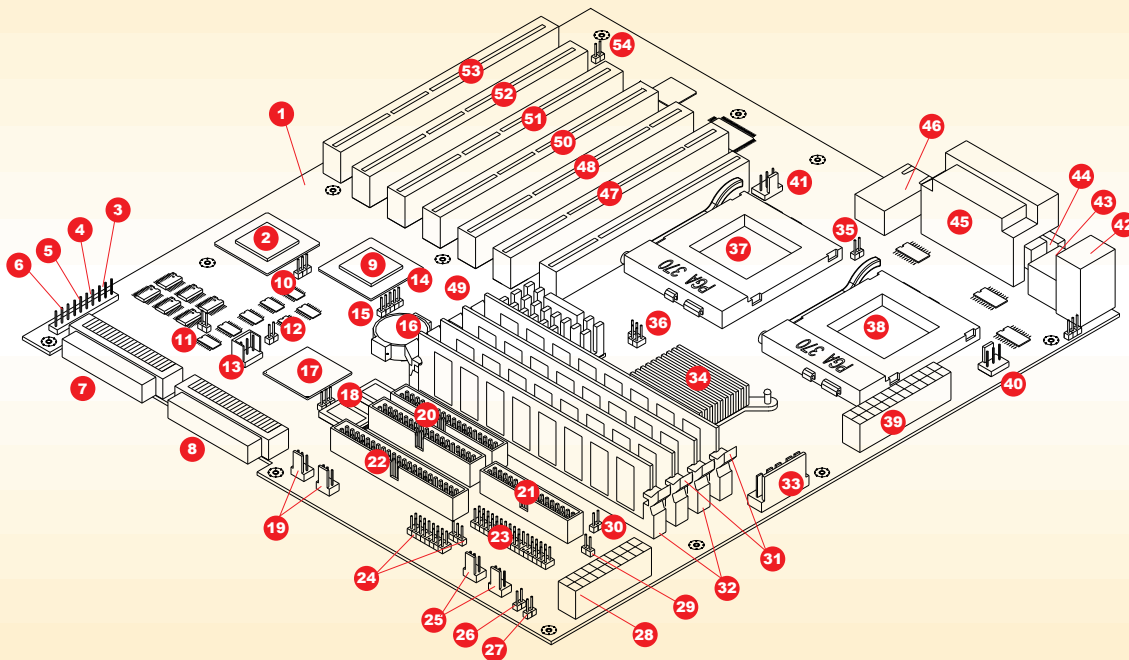


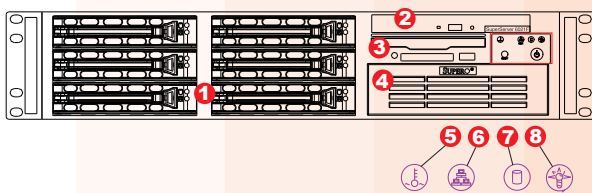
Motherboard Components



1 System Board	17 Super I/O	33 ATX Power#1
2 Adaptec AIC-7899	18 JP57: BIOS1, BIOS2	34 North Bridge
3 JA6	19 Chassis Fan	35 JP65
4 JA2	20 IDE#1, IDE#2	36 JP1, JP3
5 JA4	21 Floppy Connector	37,38 CPU#2, CPU#1
6 SLED1	22 Ultra SCSI (Channel B)	39 ATX PWR Conn.
7 Ultra160 LVD SCSI CHA	23 JF1	40,41 CPU1 Fan, CPU2 Fan
8 Ultra160 LVD SCSI CHB	24 JF2	42 Mouse and Keyboard Connectors
9 ServerWorks Chipset	25 Chassis Fan	43 2 USB
10 JP60	26 JP62	44 COM 1, COM 2
11 JP63	27 JP52: Chassis Intrusion	45 Printer Port
12 WOR	28 ATX Power #2	46 LAN
13 WOL	29 JP56	47 AGP Pro
14 JBT1	30 JP55	48,49 2 64-bit PCI (66MHz)
15 JP64: Watch Dog	31 Bank 0	50,51,52,53 4 64-bit PCI (33MHz)
16 Battery	32 Bank 1	54 JP58

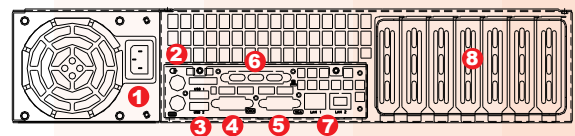
* Note: E.C.C. registered memory type must be installed in pair.

Front Panel Functions



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

Rear Panel Functions



- AC Power connector
- PS/2 Mouse and Keyboard port
- 2 USB ports
- COM 1
- COM 2
- 1 Parallel port
- 1 Intel 82559 LAN port
- 7 Low-Profile 64/32-bit Expansion slot

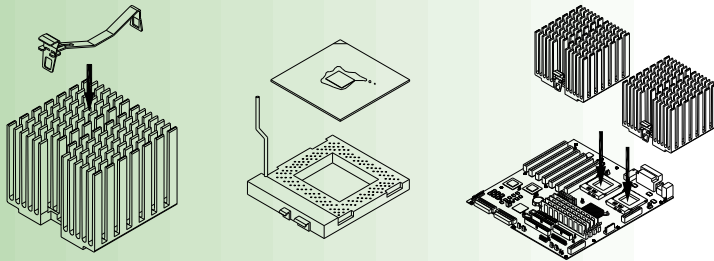
P3TDE6 Quick Reference

Jumper	Description	Default Setting
JA2 <input type="checkbox"/>	LVD SCSI Ch A Term	Open (Enabled)
JA4	LVD SCSI Ch B Term	Open (Enabled)
JA6 <input type="checkbox"/>	50-pin SCSI Ch B Term	Open (Enabled)
JBT1 <input type="checkbox"/>	CMOS Clear	Pin 1-2 (Normal)
JP1 <input type="checkbox"/>	FSB Speed Setting	Pin 1-2 (Auto)
JP3	Spread Spectrum Enable	Open (Disabled)
JP55 <input type="checkbox"/>	Third P/S Fail Enable/Disable	Open (Disabled)
JP56 <input type="checkbox"/>	Speaker Enable/Disable	On (Enabled)
JP57	BIOS Select	Pin 1-2 (BIOS1)
JP58	LAN/NIC Enable/Disable	Open (Enabled)
JP60 <input type="checkbox"/>	SCSI Enable/Disable	Pin 1-2 (Enabled)
JP62 <input type="checkbox"/>	Chassis/Over Heat Fan Select	Close
JP64	Watch Dog	Open (Disabled)
JP65	CPU Fan Tachometer	Open

CPU Core/Bus Ratio Selection (DIP Switch 1)

CPU	SW1 #1	SW1 #2	SW1 #3	SW1 #4
400/533	ON	ON	OFF	ON
450/600	OFF	ON	OFF	ON
500/666	ON	OFF	OFF	ON
550/733	OFF	OFF	OFF	ON
600/800	ON	ON	ON	OFF
650/866	OFF	ON	ON	OFF
700/933	ON	OFF	ON	OFF
750/1000	OFF	OFF	ON	OFF
800/1064	ON	ON	OFF	OFF
850/1130	OFF	ON	OFF	OFF
950/1260	ON	ON	ON	OFF
1000/1330	OFF	OFF	ON	OFF
1050/1400	ON	OFF	ON	ON

Cooling Fan Installation



- 1) Only those CPU heat sinks 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 heat sink on top of the CPU.
- 4) Place the heat sink spring on top of the CPU heat sink and secure the clip of the spring into its notch.
(Make sure the clip position is the same as the picture shown above.)

Warning !

CPU Heat Sink 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.

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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.