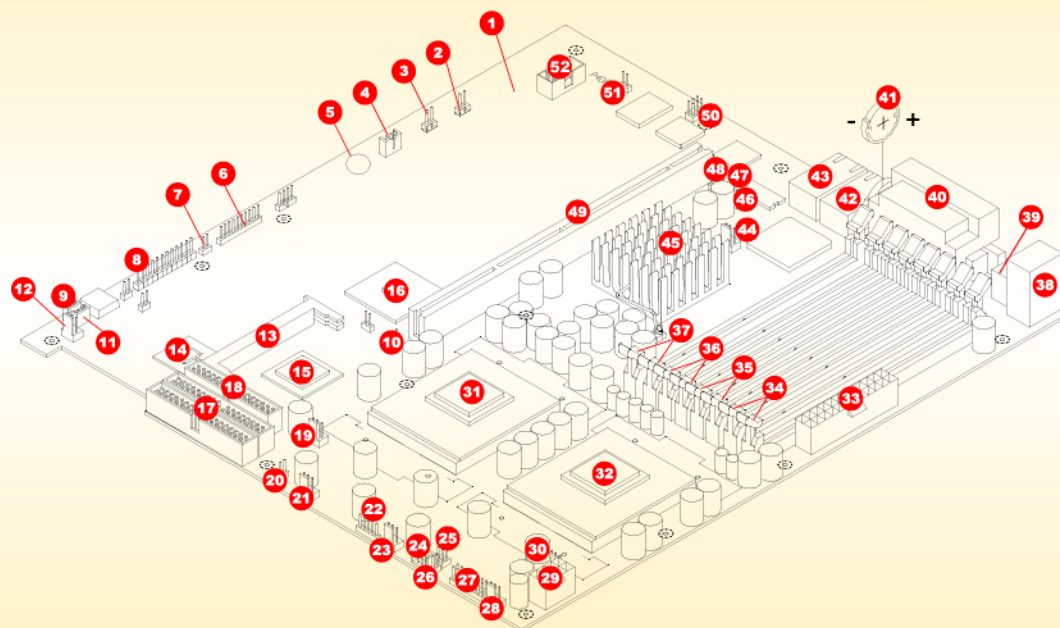


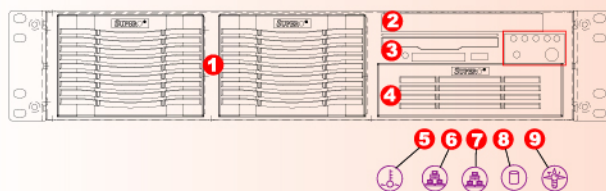
SuperServer 6023P-i Serverboard Components



1 Super X5DPi-G2 serverboard	17 IDE #1, #2 connectors	33 ATX PWR CONN
2 JBT1: CMOS clear	18 Floppy	34,35,36,37 Bank 1,2,3,4
3 JWOR: wake-on-ring header	19 CPU2 fan	38 PS/2 keyboard/mouse ports
4 WOL: wake -on-LAN header	20 JL1: chassis intrusion header	39 USB 0/1
5 Speaker	21 Chassis fan 2	40 COM1, VGA, parallel ports
6 USB 2/3	22 USB 4	41 Battery
7 JD1 : PWR LED/speaker/NMI header	23 Chassis fan 3	42, 43 Gigabit LAN1/LAN2
8 JP37: Watch Dog	24 JP9: power fail alarm En/disable	44 Overheat Fan
9 SMB	25 JP8: Third power supply fail header	45 MCH
10 JP39: Front side bus speed	26 JP36: alarm reset switch	46 JOH1: overheat LED
11 IPMB	27 JF2: Front control panel controller	47 JP38: thermal fan En/disable
12 Chassis Fan 1	28 Chassis fan 4	48 JP4: VGA enable/disable
13 IPMI	29 J15: secondary ATX power conn.	49 JP17: PCI-X 133MHz
14 BIOS	30 CPU1 fan	50 JD4 LAN1/2 En/disable
15 ICH3	31 CPU2 socket	51 JP35: keylock switch connector
16 P64H2	32 CPU1 socket	52 COM 2

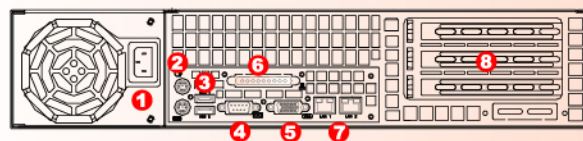
Note: Interleaved ECC registered memory requires DDR DIMMs to be installed in pair.

Front Panel Functions



1. 6 x 3.5" IDE drive bays
2. Slim CD-ROM
3. Slim 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 IDE channel activity.
9. Power: Indicates power is being supplied to the system's power supply units

Rear Panel Functions

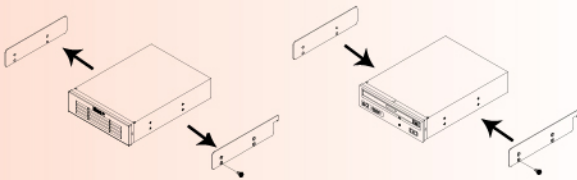


1. AC power connector
2. PS/2 mouse and keyboard ports
3. 2 USB ports
4. COM port
5. VGA port
6. Parallel port
7. 2 Gigabit Ethernet ports
8. Support 3 I/O expansion cards

X5DPi-G2 Quick Reference

Jumper	Description	Default Setting
JBT1	CMOS clear	Pins 1-2 (Normal)
JD1	Speaker enable	Close 6-7 (Enabled)
JD4	LAN1/LAN2 enable/disable	Pins 1-2 (Enabled)
JP4	VGA enable/disable	Pins 1-2 (Enabled)
JP9	Power fail alarm en/disable	Open (Disabled)
JP38	Thermal fan enable/disable	Open (BIOS control)
JP37	Watch Dog enable/disable	Open (Disabled)

Installing 5.25" Drive Bay Rail



Remove the drive bay cover by pressing the tab. Install the rails onto the new component and then the new component into the drive bay until you hear a clicking sound from the tab.



LBL-0060



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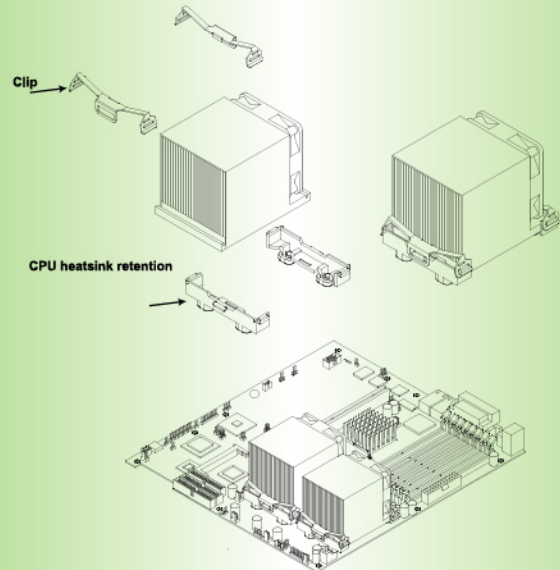
To protect the system and components, it is essential that you reinstall the top panel after you have finished working on the system.

Cooling Fan Installation

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.



- 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.)