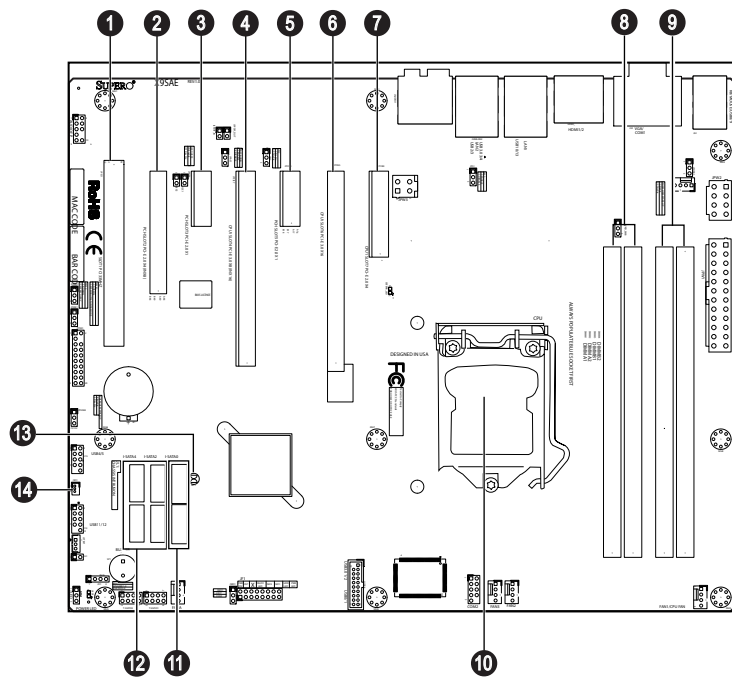


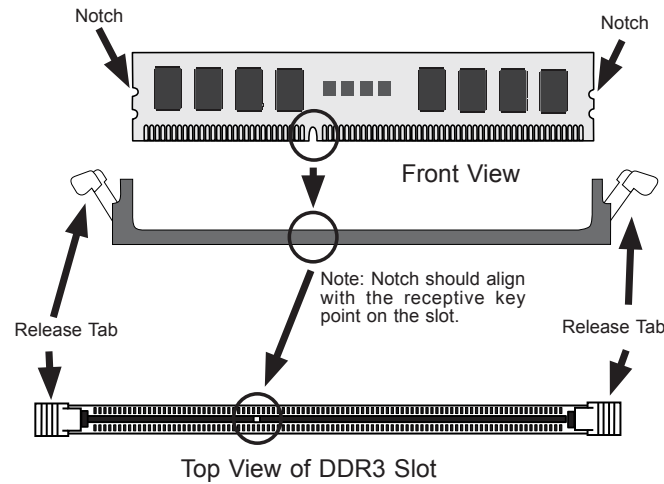
SUPERMICR[®] SuperWorkstation 5037A-IL Quick Reference Guide

Board Layout



No.	Description
1	PCI 33MHz
2	Slot2 PCI-E 2.0 x4 (in x8 slot)
3	Slot3 PCI-E 2.0 x1
4	(X9SAE-V only) Slot4 PCI-E 3.0 x8 (in x16 slot)
5	Slot5 PCI-E 2.0 x1
6	Slot6 PCI-E 3.0 x16
7	Slot7 PCI-E 2.0 x4
8	DIMMA1/DIMMA2 (Blue slot)
9	DIMMB1/DIMMB2 (Blue slot)
10	CPU1
11	I-SATA0 ~ I-SATA1 (SATA 3.0 ports 0/1 6Gb/s)
12	I-SATA2 ~ I-SATA5 (SATA 2.0 ports 2/5 3Gb/s)
13	JBT1 = CMOS Reset
14	JSD1 = SATA DOM Power

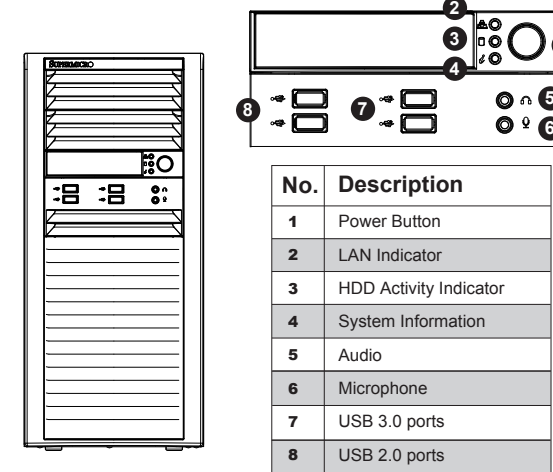
MEMORY



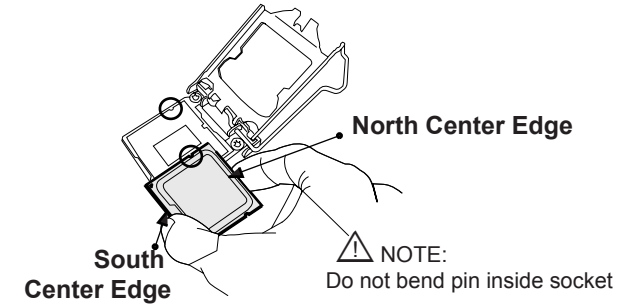
Recommended Population (Balanced)				
DIMMA2 Slot	DIMMB2 Slot	DIMMA1 Slot	DIMMB1 Slot	Total System Memory
2GB	2GB			4GB
2GB	2GB	2GB	2GB	8GB
4GB	4GB			8GB
4GB	4GB	4GB	4GB	16GB
8GB	8GB			16GB
8GB	8GB	8GB	8GB	32GB

Possible System Memory Allocation & Availability		
Area Reserved for the chipset	2 MB	3.99
I/O APIC (4 Kbytes)	4 KB	3.99
PCI Enumeration Area 1	256 MB	3.76
PCI Express (256 MB)	256 MB	3.51
PCI Enumeration Area 2 (if needed) -Aligned on 256-MB boundary-	512 MB	3.01
VGA Memory	16 MB	2.85
TSEG	1 MB	2.84
Memory available to OS and other applications		2.84

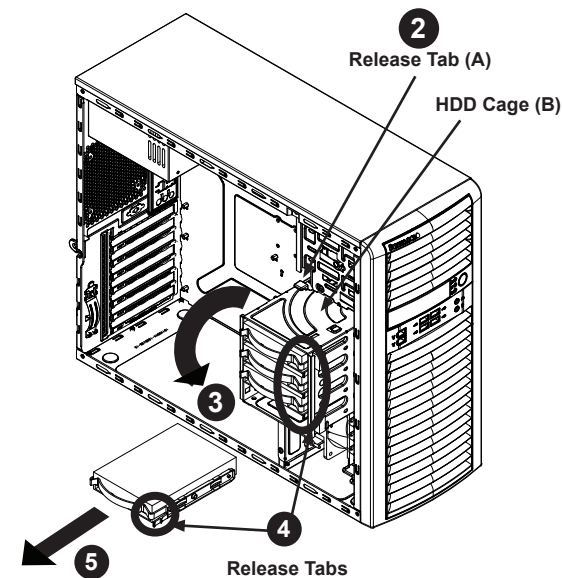
Front View & Interface



CPU Installation



Hard Drives Installation



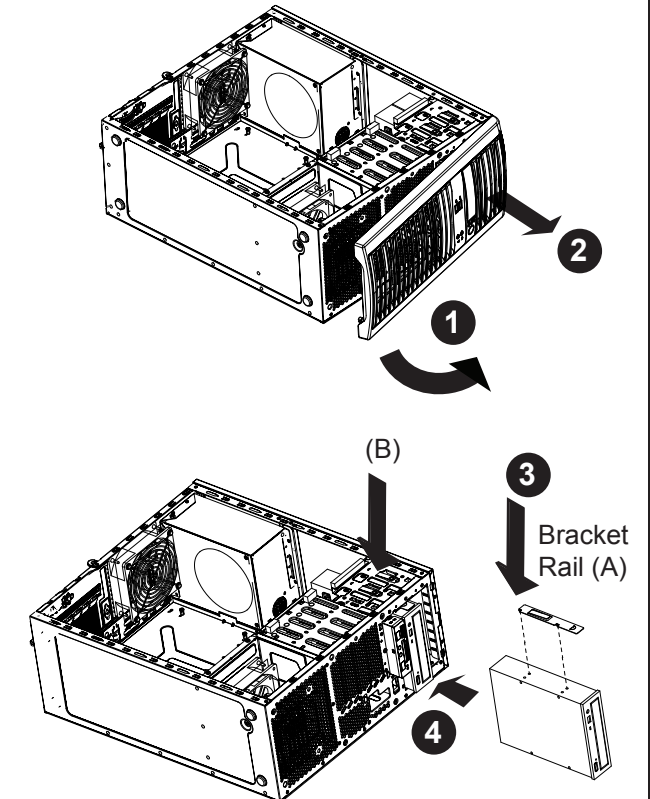
Removing and Installing 3.5" Hard Drives

1. Disconnect the chassis from any power source.
2. Rotate the hard drive cage outward 90 degrees.
3. Disconnect all of the cables from the hard drive.
4. Press the release tab on the side of the hard drive carrier that is to be removed from the hard drive cage.
5. Gently slide the hard drive carrier out of the hard drive cage.

Installing an Optical Device

Installing an Optical Device

1. Remove the front bezel from the chassis by lifting it upwards from the bottom, and pulling off the front of the chassis.
2. Remove the cover plate from the optical device slot on the front of the chassis.
3. Install the bracket rail (A) onto one side of the optical device, by inserting the pins of the bracket into the mounting holes on the sides of the optical device.
4. Slide the optical device into the chassis.
5. If desired, screws may be used where indicated below (B) to secure the optical device into chassis.



Caution

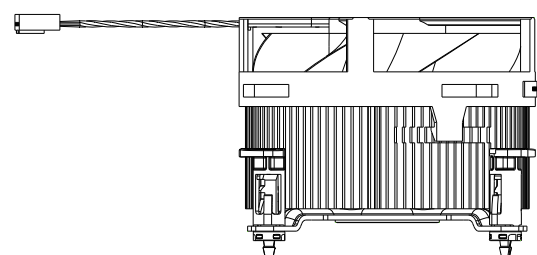
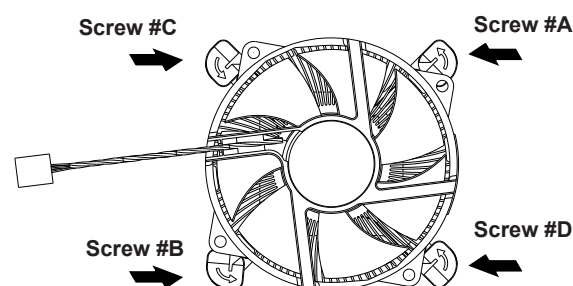
SAFETY INFORMATION
 IMPORTANT: See installation instructions and safety warning before connecting system to power supply.
http://www.supermicro.com/about/policies/safety_information.cfm

WARNING:
 To reduce risk of electric shock/damage to equipment, disconnect power from server by disconnecting all power cords from electrical outlets.
 If any CPU socket empty, install protective plastic CPU cap

CAUTION:
 Always be sure all power supplies for this system have the same power output. If mixed power supplies are installed, the system will not operate.

For more information go to <http://www.supermicro.com/support>

Heatsink Installation



Note:

1. Place heatsink on top of installed CPU
2. Line up the four screws to socket
3. Push down heatsink and screw as shown (cross pattern, in order: A, C, B, D)

