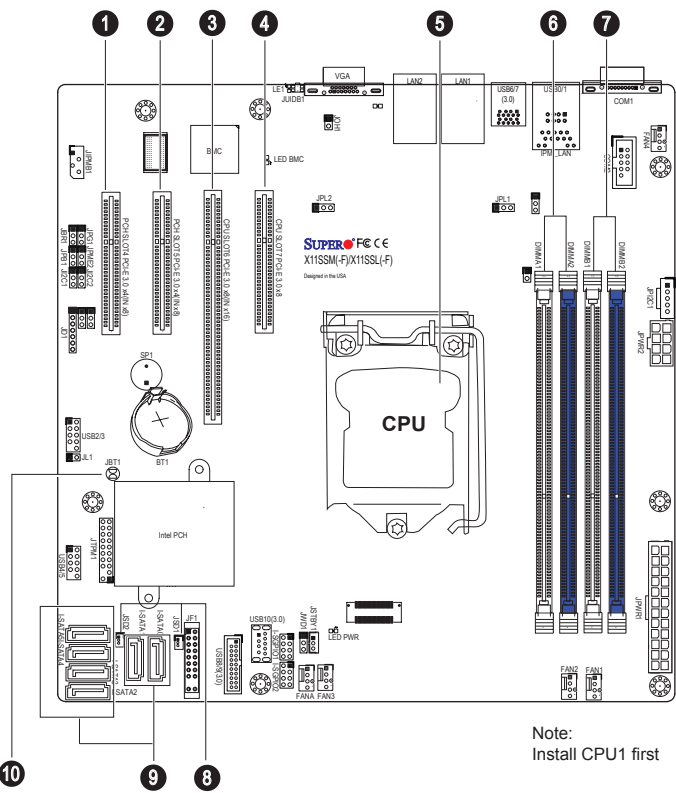


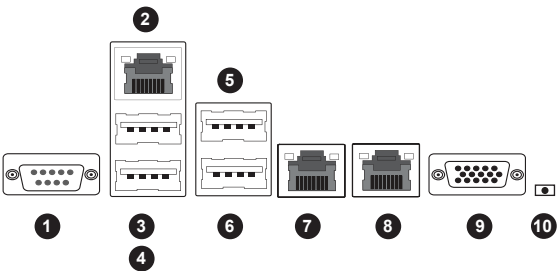
SUPERMICR[®] SuperWorkstation 5039D-i Quick Reference Guide

Board Layout



No.	Description	No.	Description
1	PCH Slot4 PCI-E 3.0 x4(in x8)	6	DIMMA1/DIMMA2
2	PCH Slot5 PCI-E 3.0 x4(in x8)	7	DIMMB1/DIMMB2
3	PCH Slot6 PCI-E 3.0 x8(in x16)	8	JSD1 & JSD2 = SATA DOM Power
4	PCH Slot7 PCI-E 3.0 x8	9	I-SATA 0~5 = Intel SATA 3.0 Ports
5	CPU	10	JBT1 = CMOS Reset

Back Panel I/O Connectors



1.	COM1 Port	6.	USB6 (3.0)
2.	IPMI LAN	7.	LAN1
3.	USB1	8.	LAN2
4.	USB0	9.	VGA Port
5.	USB7 (3.0)	10.	UID Switch

Memory

DIMM Module Population Configuration

For optimal memory performance, follow the table below when populating memory.

Processors and their Corresponding Memory Modules				
CPU#	Corresponding DIMM Modules			
CPU	DIMMA1	DIMMA2	DIMMB1	DIMMB2

Memory Module Population for Optimal Performance

Number of DIMMs	Memory Population Configuration Table (For memory to work properly, please follow the instructions below.)
2 DIMMs	DIMMB2/DIMMA2
4 DIMMs	DIMMB2/DIMMA2, DIMMB1/DIMMA1

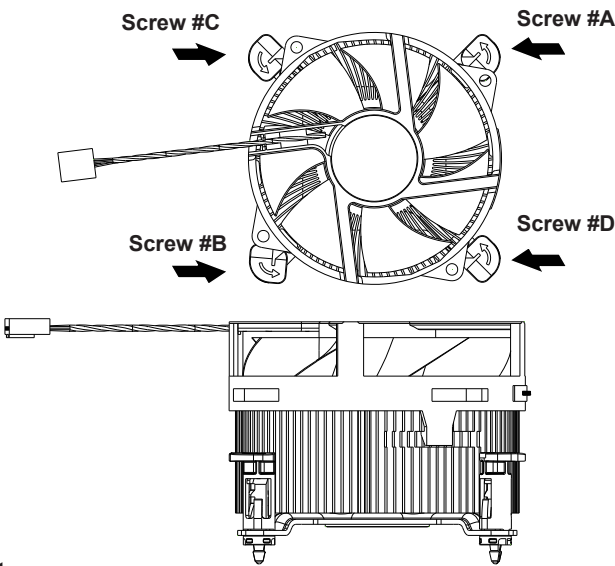
Memory Module Population

DIMM Slots per Channel	DIMM Type	POR Speeds (MHz)	Ranks per DIMM	Layer Count	FW Base	Supported Voltage
2	Unbuffered DDR4 ECC	2133, 1866, 1600, 1333	SR, DR	6	SPS	1.2V1

Memory Module Population

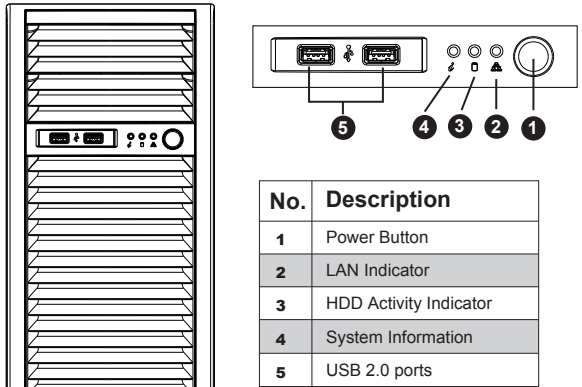
Max Memory Possible	4GB DRAM Technology	8GB DRAM Technology
Single Rank UDIMM	16GB (4x 4GB DIMMs)	32GB (4x 8GB DIMMs)
Dual Rank UDIMMs	32GB (4x 8GB DIMMs)	64GB (4x 16GB DIMMs)

Heatsink Installation

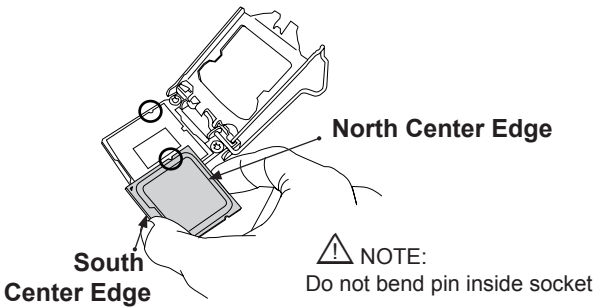


Note:
1. Place heatsink on top of installed CPU
2. Line up the four screws to socket
3. Push down heatsink and screw as shown (cross pattern, in order: A, B, C, D)

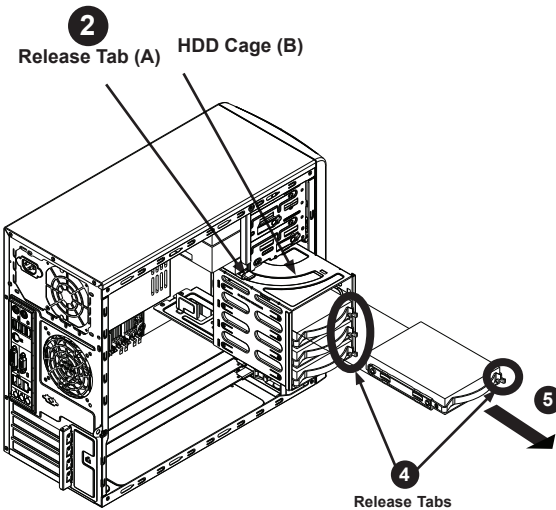
Front View & Interface



CPU Installation



Hard Drives Installation



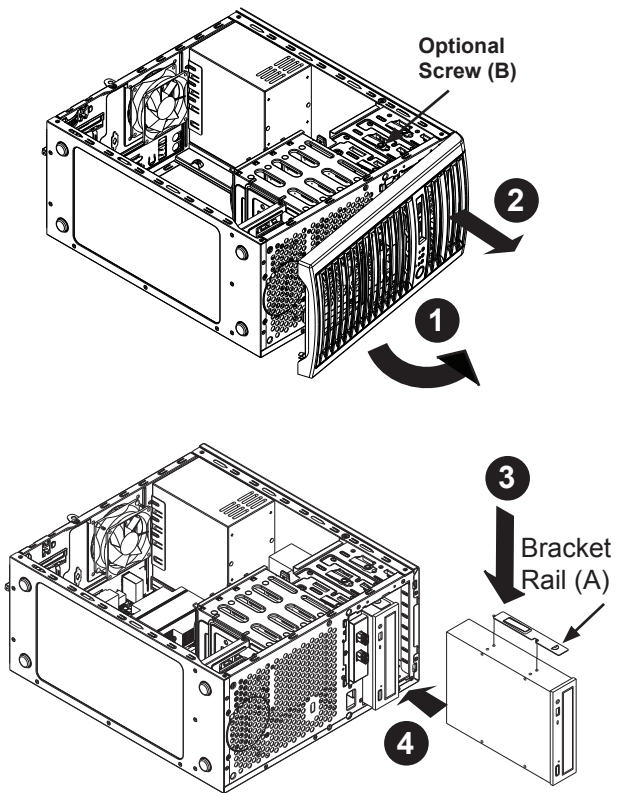
Removing and Installing 3.5" Hard Drives

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>

