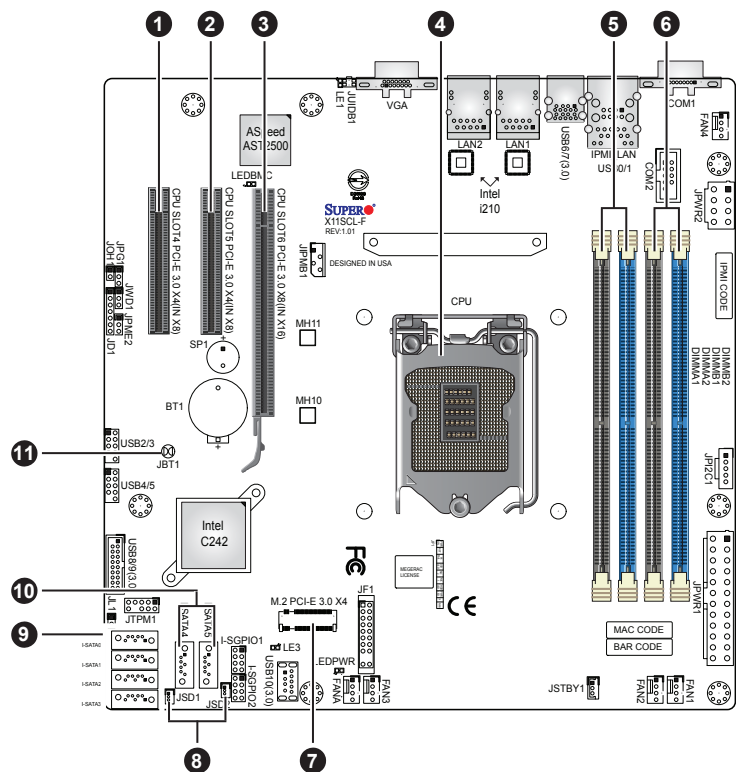


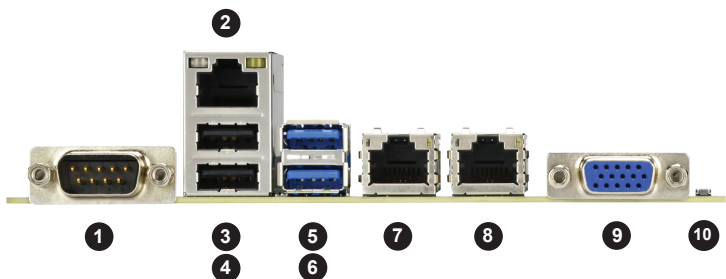
# SUPERMICR<sup>®</sup> SuperServer 5039C-I Quick Reference Guide

## Board Layout



No.	Description	No.	Description
1	CPU PCI-E 3.0 x4 (in x8) Slot	7	M.2 PCI-E 3.0 x4
2	CPU PCI-E 3.0 x4 (in x8) Slot	8	SATA DOM Power Connectors
3	CPU PCI-E 3.0 x8 (in x16) Slot	9	I-SATA 0~3 Intel® SATA Ports
4	CPU	10	I-SATA 4~5 Intel® SATA Ports
5	DIMMA1/A2 (Blue)	11	Clear CMOS
6	DIMMB1/B2 (Blue)		

## Back Panel I/O Connectors



No.	Description	No.	Description
1	COM1	6	USB6 (USB 3.1 Gen 1)
2	Dedicated IPMI LAN	7	LAN1
3	USB1	8	LAN2
4	USB0	9	VGA Port
5	USB5 (USB 3.1 Gen 1)	10	UID Switch

## Memory

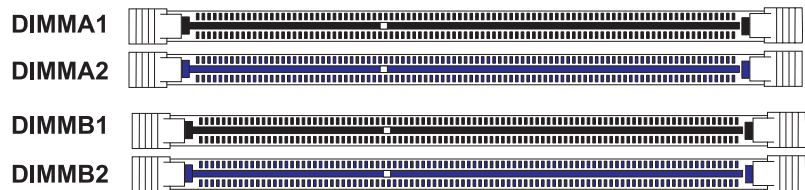
### DIMM Installation

1. Insert the desired number of DIMMs into the memory slots based on the recommended DIMM population table.
2. Push the release tabs outwards on both ends of the DIMM slot to unlock it.
3. Align the key of the DIMM module with the receptive point on the memory slot.
4. Align the notches on both ends of the module against the receptive points on the ends of the slot.
5. Press the notches on both ends of the module straight down into the slot until the module snaps into place.
6. Press the release tabs to the lock positions to secure the DIMM module into the slot.

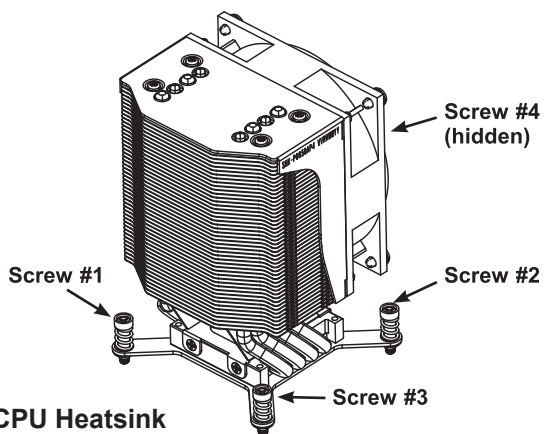
1 CPU, 4-DIMM Slots	
Number of DIMMs	Memory Population Sequence
1	DIMMB2
2	DIMMB2 / DIMMBA2
3 (Unbalanced: Not Recommended)	DIMMB2 / DIMMBA2 / DIMMB1
4	DIMMB2 / DIMMBA2 / DIMMB1 / DIMMA1

DIMM Type	Ranks Per DIMM and Data Width	DIMM Capacity (GB)		Speed (MT/s); Voltage (V); Slots per Channel (SPC) and DIMMs per Channel (DPC)	
		DRAM Density		2 Slots per Channel	
		4GB	8GB	1DPC	2DPC
Unbuffered DDR4 ECC	SR	16GB (4x 4GB DIMMs)	32GB (4x 8GB DIMMs)	1.2 V	1.2 V
	DR	32GB (4x 8GB DIMMs)	64GB (4x 16GB DIMMs)	2666	2666

↑ Towards the CPU



## Heatsink Installation

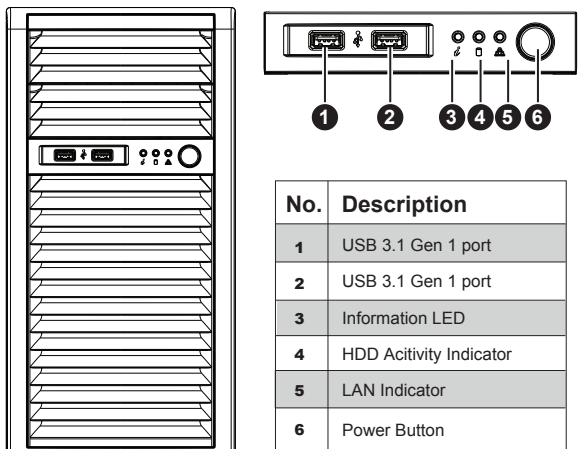


### Installing the CPU Heatsink

Do not apply thermal grease to the heatsink or the CPU-the required amount has already been applied

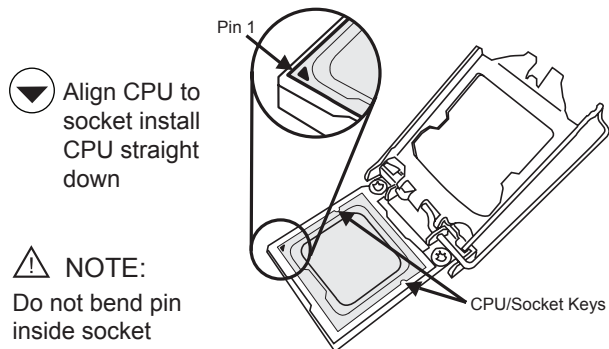
1. Remove the power cord from the system.
2. Place the heatsink on top of the CPU so that the four mounting screws on the heatsink are aligned with holes on the socket.
3. Tighten the screws in the order noted below, evenly and gradually. Do not over-tighten.
4. Connect the heatsink fan wires to the proper motherboard connector.

## Front View & Interface

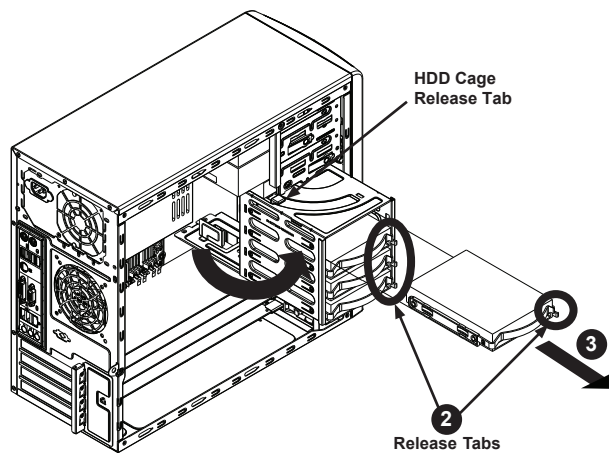


No.	Description
1	USB 3.1 Gen 1 port
2	USB 3.1 Gen 1 port
3	Information LED
4	HDD Activity Indicator
5	LAN Indicator
6	Power Button

## CPU Installation



## Hard Drives Installation



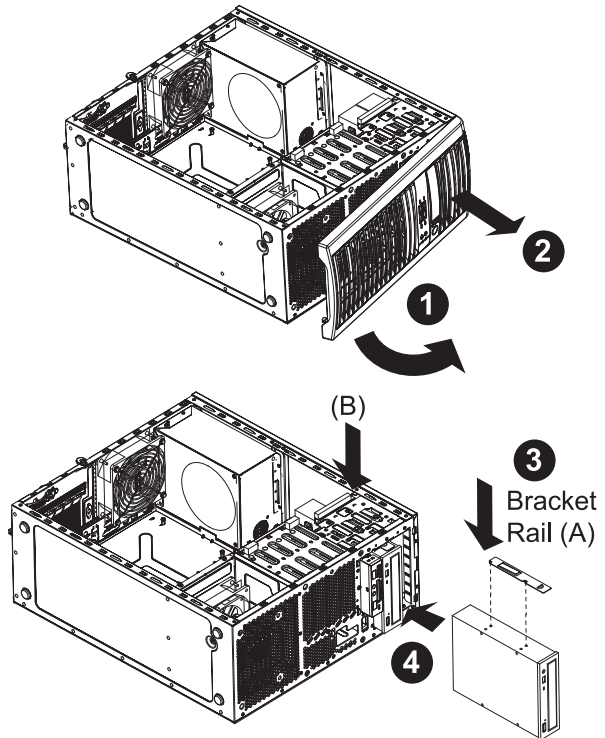
### Removing and Installation 3.5" Hard Drives

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

Begin by removing power from the system

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 device by inserting the pins of the bracket into the mounting holes on the side of the device.
4. Slide the device into the chassis.
5. If desired, screws may be used to secure the device into chassis.
6. Attach the power and data cables to the drive.
7. Replace the chassis cover before restoring power to the system.



## 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](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.

### WARNING:

This product can expose you to chemicals including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

