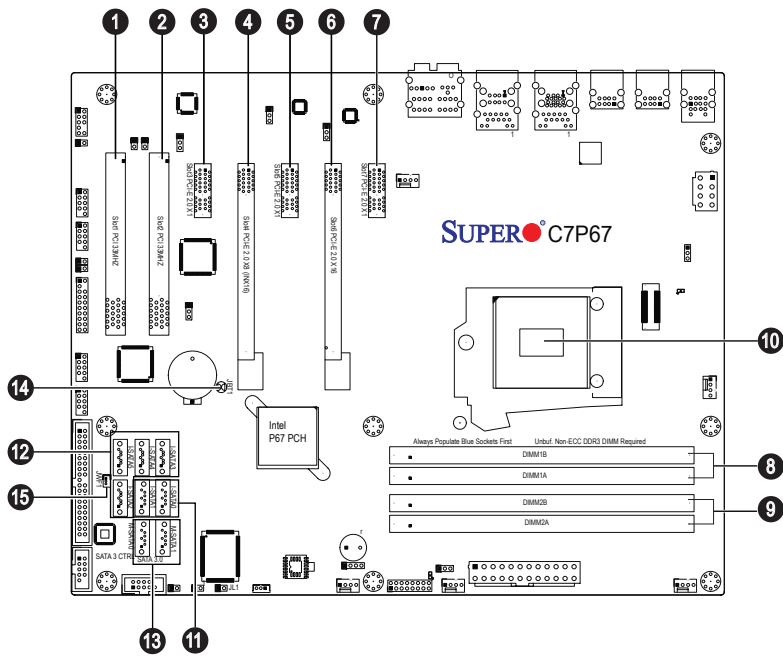


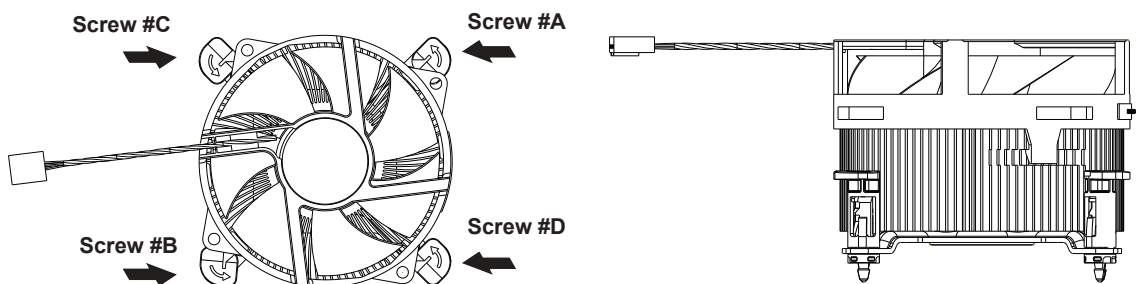
# SUPERMICR<sup>®</sup> SuperWorkstation 5037A-T Quick Reference Guide

## Board Layout



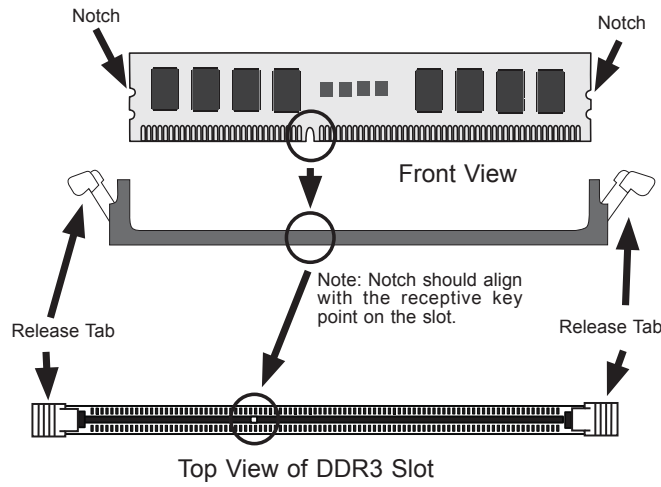
No.	Description
1	Slot1 PCI 33MHz
2	Slot2 PCI 33MHz
3	Slot3 PCI-E 2.0 x1
4	Slot4 PCI-E 2.0 x8 (in x16)
5	Slot5 PCI-E 2.0 x1
6	Slot6 PCI-E 2.0 x16
7	Slot7 PCI-E 2.0 x1
8	DIMM1A (Blue slot)/DIMM1B
9	DIMM2A (Blue slot)/DIMM2B
10	CPU1
11	SATA 3.0 Ports 0~1 (I-SATA0 ~ I-SATA1)
12	SATA 2.0 Ports 2~5 (I-SATA2 ~ I-SATA5)
13	SATA 3.0 Ports 0~1 (M-SATA0 ~ M-SATA1)
14	JBT1 = CMOS Reset
15	JWF1 = SATA DOM Power

## 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)

## MEMORY

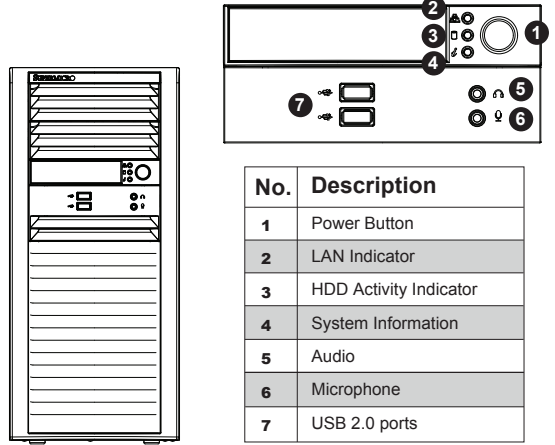


DDR3 Unbuffered Non-ECC (UDIMM) Memory				
DIMM Slots per Channel	DIMMs Populated per Channel	DIMM Type	POR Speeds	Ranks per DIMM (any combination)
2	1	Unbuffered DDR3	1066, 1333	Single Rank, Dual Rank
2	2	Unbuffered DDR3	1066, 1333	Single Rank, Dual Rank

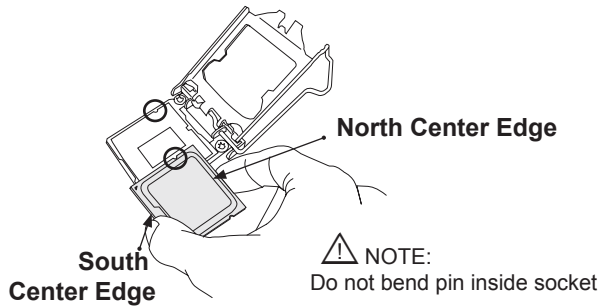
## Beep Codes

BIOS Error Beep Codes		
Beep Code/LED	Error Message	Description
1 beep	Refresh	Circuits have been reset. (Ready to power up)
5 short beeps + 1 long beep	Memory error	No memory detected in the system
8 beeps	Display memory read/write error	Video adapter missing or with faulty memory
OH LED On	System OH	System Overheat

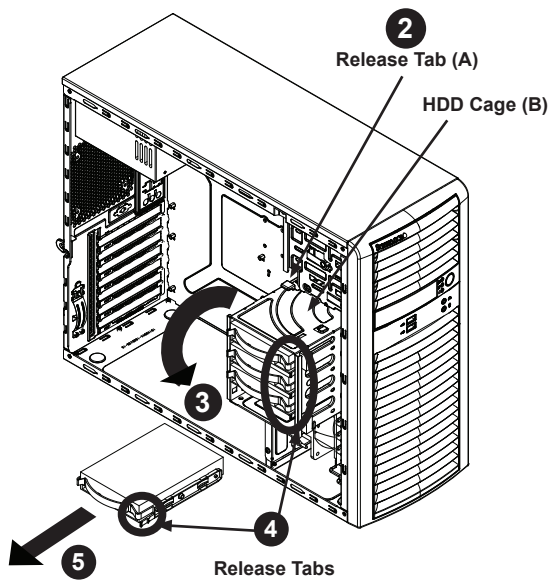
## Front View & Interface



## CPU Installation



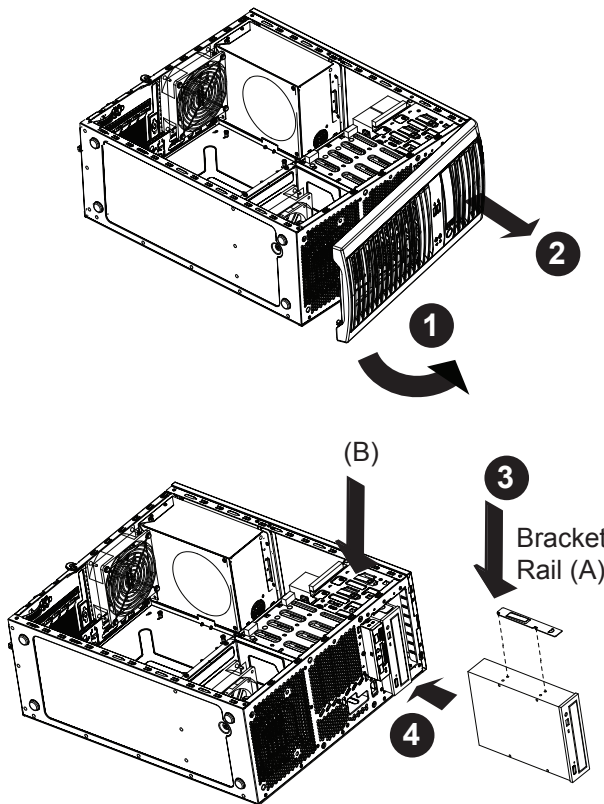
## Hard Drives Installation



**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](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>