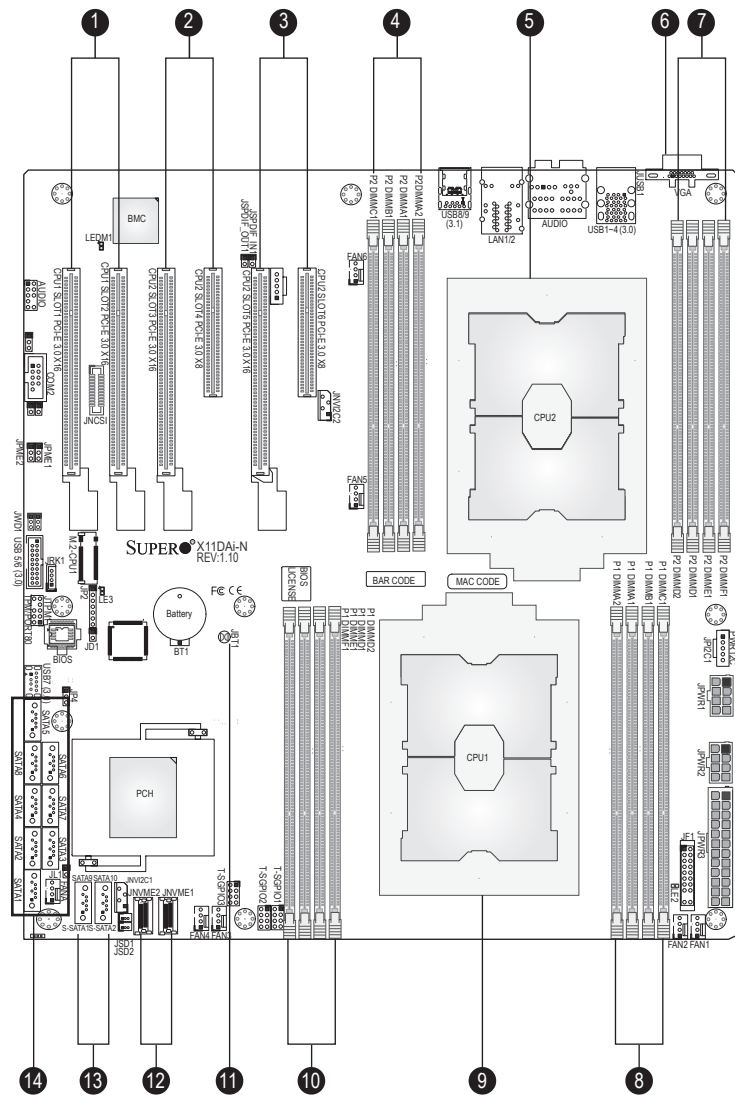


## Board Layout



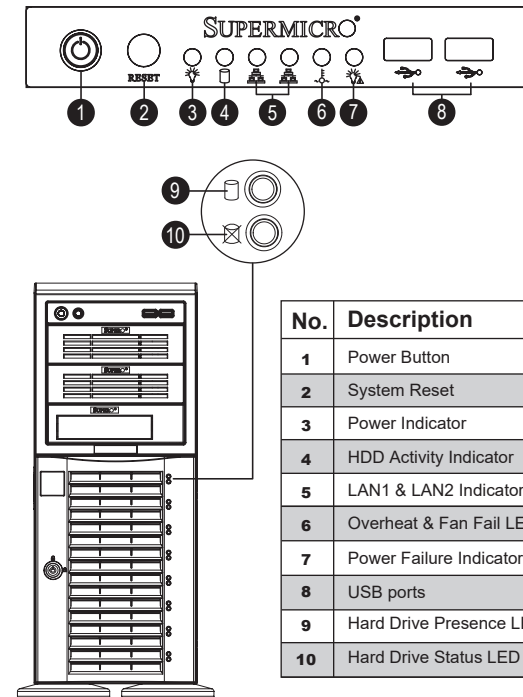
No.	Description	No.	Description
1	PCI-Express 3.0 X16 slots supported by CPU1	8	P1-DIMMC1/P1-DIMMB1/P1-DIMMA1/P1-DIMMA2 slot
2	PCI-Express 3.0 X16 and PCI-Express 3.0 X8 slots supported by CPU2	9	CPU1
3	PCI-Express 3.0 X16 and PCI-Express 3.0 X8 slots supported by CPU2	10	P1-DIMMD2/P1-DIMMD1/P1-DIMME1/P1-DIMMF1 slot
4	P2-DIMMC1/P2-DIMMB2/P2-DIMMA1/P2-DIMMA2 slot	11	JBT1: CMOS Clear
5	CPU2	12	NVMe slots
6	VGA	13	S-SATA 1~2, SATA 3.0 Ports (Intel SCU)
7	P2-DIMMD2/P2-DIMMD1/P2-DIMME1/P2-DIMMF1 slot	14	SATA1~4, SATA5~8: SATA 3.0 Ports (Intel PCH)

## Memory Support

### Memory Population Table

When 2 CPUs are used	Memory Population Sequence
2 CPUs & 2 DIMMs	CPU1: P1-DIMMA1 CPU2: P2-DIMMA1
2 CPUs & 4 DIMMs	CPU1: P1-DIMMA1/P1-DIMMD1 CPU2: P2-DIMMA1/P2-DIMMD1
2 CPUs & 6 DIMMs	CPU1: P1-DIMMC1/P1-DIMMB1/P1-DIMMA1 CPU2: P2-DIMMC1/P2-DIMMB1/P2-DIMMA1
2 CPUs & 8 DIMMs	CPU1: P1-DIMMB1/P1-DIMMA1/P1-DIMMD1/P1-DIMME1 CPU2: P2-DIMMB1/P2-DIMMA1/P2-DIMMD1/P2-DIMME1
2 CPUs & 10 DIMMs	CPU1: P1-DIMMC1/P1-DIMMB1/P1-DIMMA1/P1-DIMMD1/P1-DIMME1/P1-DIMMF1 CPU2: P2-DIMMC1/P2-DIMMB1/P2-DIMMA1/P2-DIMMD1/P2-DIMME1
2 CPUs & 12 DIMMs	CPU1: P1-DIMMC1/P1-DIMMB1/P1-DIMMA1/P1-DIMMD1/P1-DIMME1/P1-DIMMF1 CPU2: P2-DIMMC1/P2-DIMMB1/P2-DIMMA1/P2-DIMMD1/P2-DIMME1/P2-DIMMF1
2 CPUs & 14 DIMMs (Unbalanced: not recommended)	CPU1: P1-DIMMC1/P1-DIMMB1/P1-DIMMA1/P1-DIMMA2/P1-DIMMD1/P1-DIMME1/P1-DIMMF1 CPU2: P2-DIMMC1/P2-DIMMB1/P2-DIMMA1/P2-DIMMA2/P2-DIMMD1/P2-DIMME1/P2-DIMMF1
2 CPUs & 16 DIMMs (Unbalanced: not recommended)	CPU1: P1-DIMMC1/P1-DIMMB1/P1-DIMMA1/P1-DIMMA2/P1-DIMMD1/P1-DIMMD1/P1-DIMME1/P1-DIMMF1 CPU2: P2-DIMMC1/P2-DIMMB1/P2-DIMMA1/P2-DIMMA2/P2-DIMMD1/P2-DIMMD1/P2-DIMME1/P2-DIMMF1

## Front view & Interface

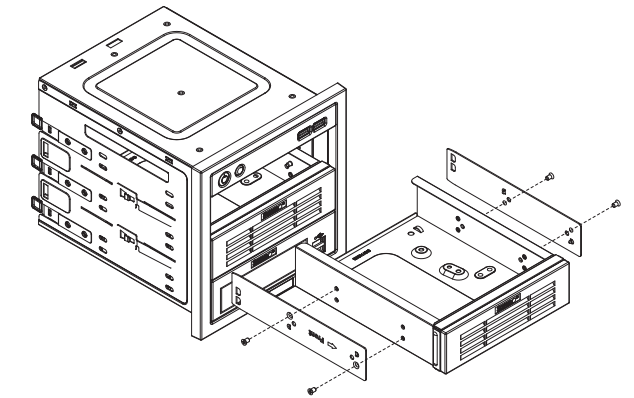


No.	Description
1	Power Button
2	System Reset
3	Power Indicator
4	HDD Activity Indicator
5	LAN1 & LAN2 Indicator
6	Overheat & Fan Fail LED
7	Power Failure Indicator
8	USB ports
9	Hard Drive Presence LED
10	Hard Drive Status LED

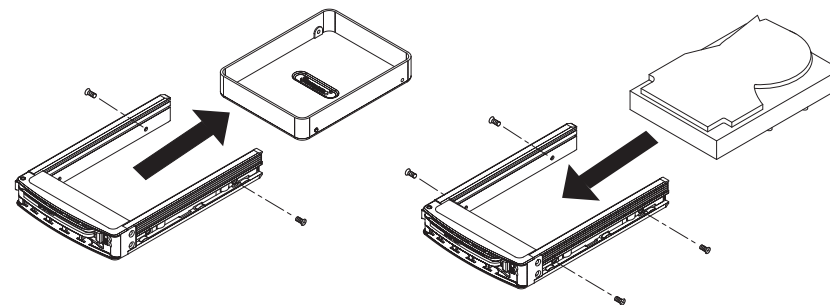
## Storage Module

### Configuring the Storage Module for 5.25" Devices

1. Remove the 5.25" drive trays from the storage module.
2. Remove the screws and drive tray brackets from the drive trays.
3. Install the 5.25" devices into storage module.
4. Replace the module back into the chassis.
5. Ensure that the storage module is securely locked into position.



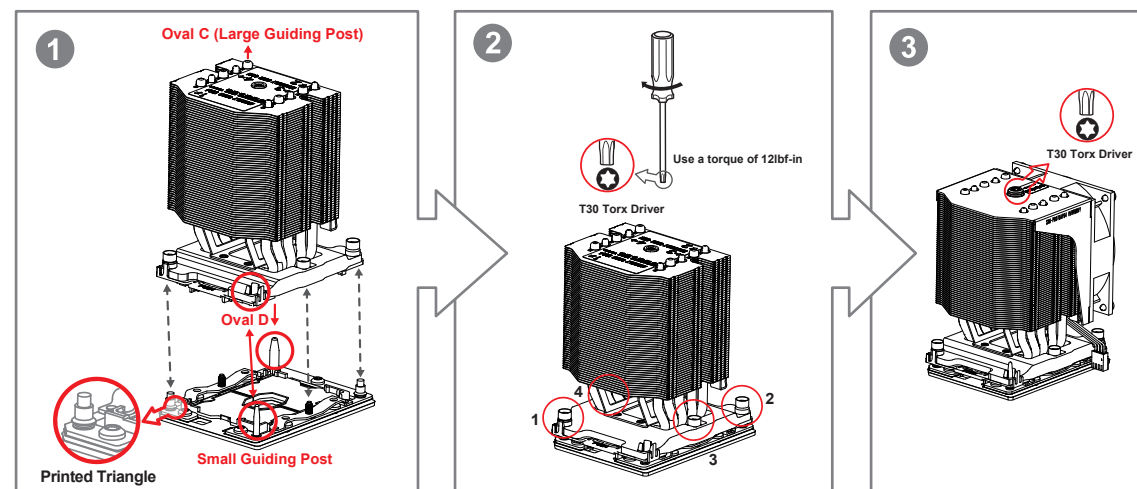
## Hard Drives Installation



### Installing Hard Drives

1. Remove the screws from the hard drive tray and set them aside for later use.
2. Remove the dummy drive from the hard drive tray.
3. Mount a hard drive into the hard drive tray
4. Replace the screws which were set aside earlier.
5. Install the hard drive into the chassis.
6. Push down the release tab over the newly installed hard drive.
7. Close the hard drive tray door.

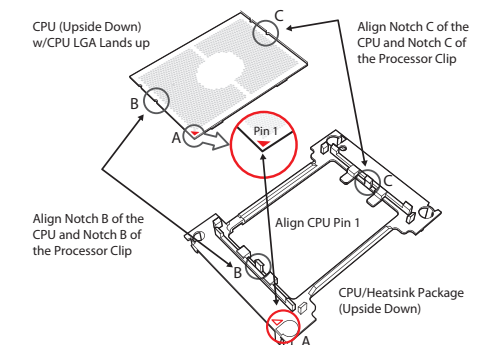
## Heatsink Installation



### Installing Heatsink

1. Mounting the Processor Heatsink Module Into the CPU Socket (on the motherboard)
2. Tighten the screws in the sequence of 1,2,3,4 (side 3 quarter view)
3. Mount the fan module onto the Heatsink Module (direction of the arrow on the fan module should be pointing towards the rear of the chassis)
4. Tighten the single locking screw on the top of the fan module body.

## CPU Installation



## 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>

