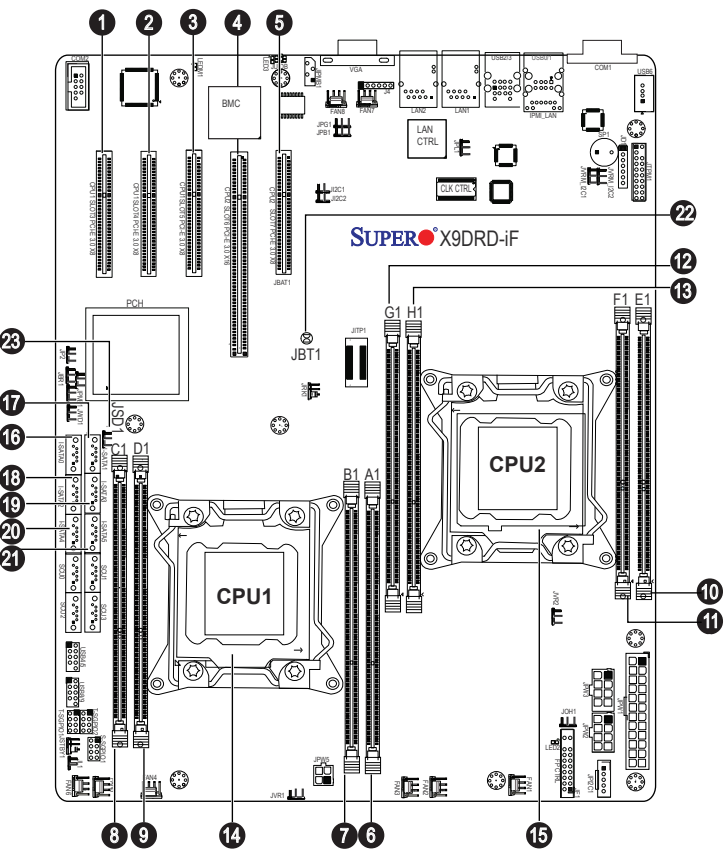


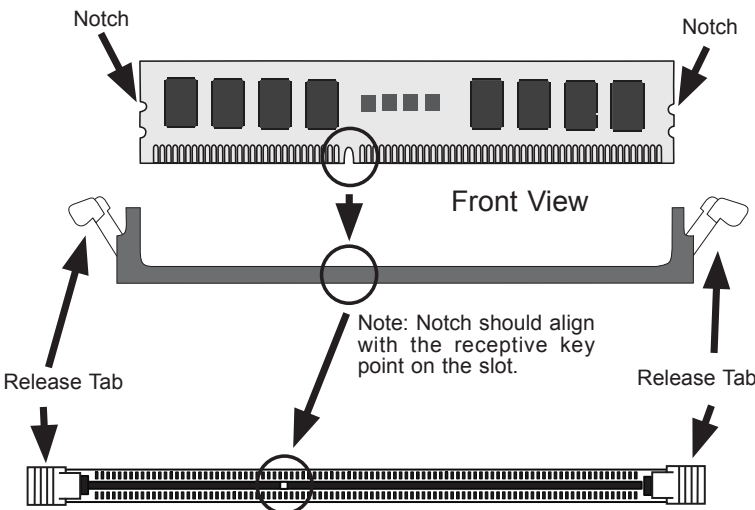
SUPERMICR[®] SuperServer 6017R-TDF Quick Reference Guide

Board Layout



No.	Description
1	CPU1 Slot3 PCI-E 3.0 x8
2	CPU1 Slot4 PCI-E 3.0 x8
3	CPU1 Slot5 PCI-E 3.0 x8
4	CPU2 Slot6 PCI-E 3.0 x16
5	CPU2 Slot7 PCI-E 3.0 x8
6	DIMMA1 slot
7	DIMMB1 slot
8	DIMMC1 slot
9	DIMMD1 slot
10	DIMME1 slot
11	DIMMF1 slot
12	DIMMG1 slot
13	DIMMH1 slot
14	CPU1 (it must be installed on it first)
15	CPU2
16	SATA 3.0 (I-SATA0)
17	SATA 3.0 (I-SATA1)
18	SATA 2.0 (I-SATA2)
19	SATA 2.0 (I-SATA3)
20	SATA 2.0 (I-SATA4)
21	SATA 2.0 (I-SATA5)
22	JBT1 = CMOS Reset
23	SATA DOM Power

MEMORY



Processors and their Corresponding Memory Modules				
CPU#	Corresponding DIMM Modules			
CPU1	P1-DIMMA1	P1-DIMMB1	P1-DIMMC1	P1-DIMMD1
CPU2	P2-DIMME1	P2-DIMMF1	P2-DIMMG1	P2-DIMMH1

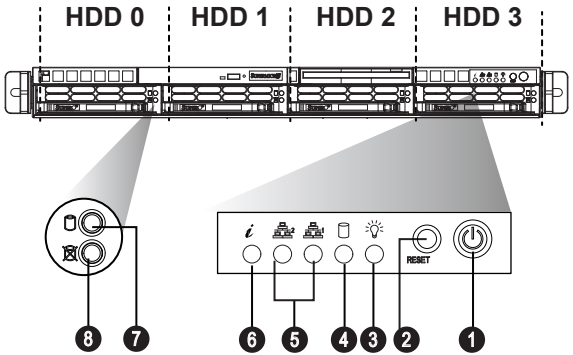
Processor and Memory Module Population

Number of CPUs+DIMMs	CPU and Memory Population Configuration Table (For optimal performance, install DIMMs in pairs)
1 CPU & 2 DIMMs	CPU1 P1-DIMMA1/P1-DIMMB1
1 CPU & 4 DIMMs	CPU1 P1-DIMMA1/P1-DIMMB1, P1-DIMMC1/P1-DIMMD1
2 CPUs & 2 DIMMs	CPU1 + CPU2 P1-DIMMA1, P2-DIMME1
2 CPUs & 4 DIMMs	CPU1 + CPU2 P1-DIMMA1/P1-DIMMB1, P2-DIMME1/P2-DIMMF1
2 CPUs & 6 DIMMs	CPU1 + CPU2 P1-DIMMA1/P1-DIMMB1/P1-DIMMC1, P2-DIMME1/P2-DIMMF1/P2-DIMMG1
2 CPUs & 8 DIMMs	CPU1 + CPU2 P1-DIMMA1/P1-DIMMB1/P1-DIMMC1/P1-DIMMD1, P2-DIMME1/P2-DIMMF1/P2-DIMMG1/P2-DIMMH1

RDIMM Support POR on the E5-2600 Series Processor Platform

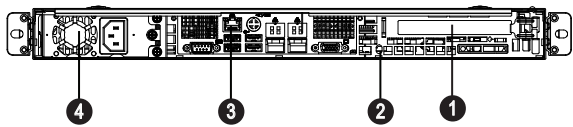
DIMM Slots per Channel	DIMMs Populated per DDR Channel	RDIMM/LRDIMM Type (RDIMM: Reg.= Registered, LRDIMM=Load Reduced)	Speeds (in MHz)	Ranks per DIMM (Any Combination)
1	1	Reg. ECC DDR3	800/1066/1333/1600	SR, DR, or QR
Population Rules: 1. Any combination of x4 and x8 RDIMMs with 1 Gb or 2 Gb DRAM Density are supported. 2. Populate DIMMs starting with DIMM# A1. 3. When mixing QR with SR or DR, put the QR in DIMM#A1 first.				

Front View & Interface



No.	Description
1	Power Button
2	Reset Button
3	Power LED
4	Device Activity LED
5	LAN1 LED & LAN2 LED
6	Information LED
7	Hard Drive Signal
8	Hard Drive Fail

Rear View

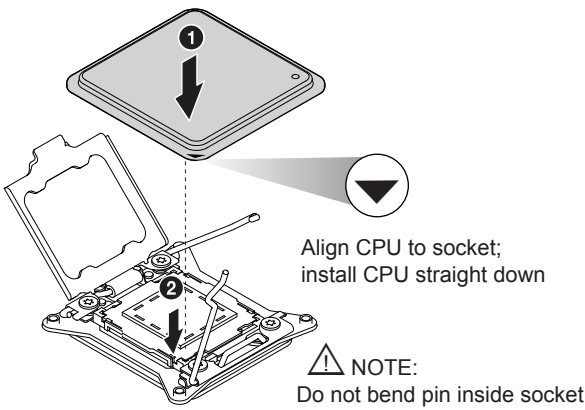


No.	Description
1	PCI Expansion Slot (w/riser card)
2	UID Button
3	Dedicated LAN for IPMI
4	Power Supply Module

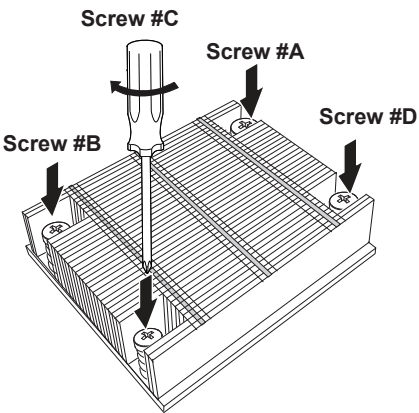
Beep Codes

BIOS Beep Codes		
Beep Code/LED	Message	Description
1 beep	Refresh	Circuits have been reset. (Ready to power up)
5 short beeps + 1 long beep	Memory	No memory detected
5 long beeps + 2 short beeps	Display memory read/write status	Video adapter missing or with faulty memory
1 continuous beep	System	System overheat

CPU Installation



Heatsink Installation



1. Place heatsink on top of installed CPU
2. Line up the four screws to socket
3. Push down heatsink and screw down as shown (cross pattern, in order: A, C, B, D)
4. NOTE: Only use 6-8 lb/f of torque; otherwise, hand-tighten each screw, to avoid damaging 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

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>

