

SUPERMICRO® SuperServer 5017C-MTF/MTRF Quick Reference Guide

Board Layout

No.	Description
1	Slot4 PCI-E 2.0 x4 on x8 slot
2	N/A
3	Slot6 PCI-E 2.0 x8
4	Slot7 PCI-E 2.0 x8
5	CPU1
6	DIMM1A / DIMM2A (Blue Slot)
7	DIMM1B / DIMM2B (Blue Slot)
8	SATA 2.0 (0/1 Ports)
9	JFW1 = SATA DOM Power Connector
10	SATA 2.0 (2/3/4/5 Ports)
11	JBT1 = CMOS Clear

MEMORY

DDR3 Unbuffered (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

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

CPU Installation

Heatsink Installation

Rear View

No.	Description
1	PCI-E Expansion Slot (w/riser card)
2	UID
3	GbE LAN2 Port
4	GbE LAN1 Port
5	VGA Port
6	COM1 Port
7	USB 0/1 Ports
8	Dedicated LAN for IPMI
9	PS2 keyboard (purple) & Mouse (green) Ports
10	Single/Redundant Power Supply Module

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/in 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>

SATA Drive Installation

Mounting a Drive in a Drive Carrier

The SATA drives are mounted in drive carriers to simplify their installation and removal from the chassis. These carriers also help promote proper airflow for the system. For this reason, even empty carriers without drives installed must remain in the chassis.

1. Install a new drive into the carrier with the printed circuit board side facing down so that the mounting holes align with those in the carrier.
2. Secure the drive to the carrier with six screws, as shown.

Installing/Removing SATA Drives

1. To remove a carrier, push the release button located beside the drive LEDs.
2. Swing the colored handle fully and use it to pull the unit straight out.

<http://www.supermicro.com>

MNL-1290-QRG