

SUPERMICRO® SuperServer AS- 1013S-MTR Quick Reference Guide

Board Layout

Memory

Front View & Interface

No.	Description
1	Power LED
2	Reset Button
3	Power LED
4	HDD LED
5	NIC1 LED
6	NIC2 LED
7	Information LED
8	Hard Drive Signal
9	Hard Drive Fail

Rear View

*Redundancy based on configuration and application load

No.	Description	No.	Description
1	SLOT1 PCI-E 3.0 X8	9	CPU
2	SLOT2 PCI-E 3.0 X16	10	DIMME1~H1 slots
3	SLOT3 PCI-E 3.0 X8	11	M.2 PCI-E Interface
4	SLOT4 PCI-E 3.0 X16	12	Internal SATA Ports (SATA8~SATA11)
5	SLOT5 PCI-E 3.0 X8	13	Internal SATA Ports (SATA12~SATA15)
6	SLOT6 PCI-E 3.0 X16	14	I-SATA4~7: Internal SATA Ports
7	JBT1: CMOS Clear	15	I-SATA0~1: Internal SATA Ports
8	DIMMA1~D1 slots	16	I-SATA2~3: Internal SATA Ports

Processors and their Corresponding Memory Modules								
CPU#	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8
4 DIMMS								
CPU1		B1		D1		F1		H1
8 DIMMS								
CPU1	A1	B1	C1	D1	E1	F1	G1	H1

Note: Always use DDR4 DIMM modules of the same type, size and speed.
To achieve the best memory performance, a balanced memory population is recommended.

Hard Drive Installation

Removing a Hot-Swap Drive Carrier from the Chassis

1. Press the release button on the drive carrier, which will extend the drive carrier handle.
2. Use the drive carrier handle to pull the drive out of the chassis.

Installing a Drive

1. To add a new drive, install it 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 the screws provided, then push the carrier completely into the drive bay. You should hear a *click* when the drive is fully inserted. This indicates that the carrier has been fully seated and connected to the HDD backplane, which automatically makes the power and logic connections to the hard drive.

Heatsink Installation

1. Mounting the Heatsink

2. Securing the Heatsink

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.

WARNING:
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>

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MNL-2124-QRG