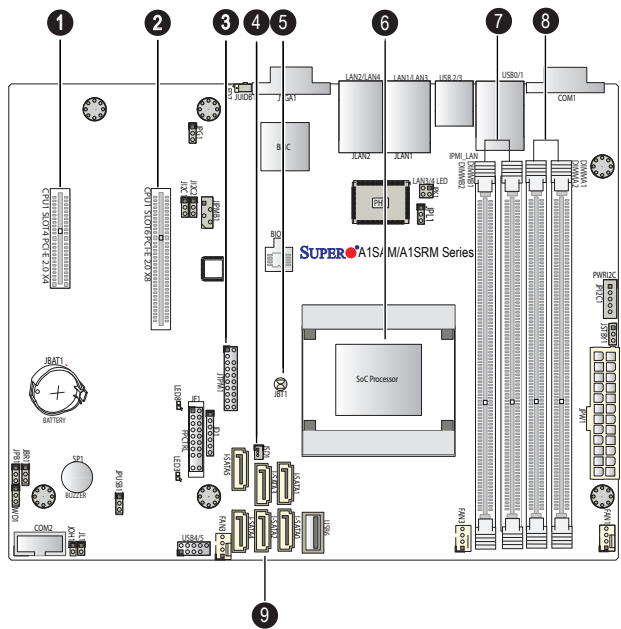


# SUPERMICR<sup>®</sup> SuperServer 5018A-MLTN4 Quick Reference Guide

## Board Layout



No.	Description
1	Slot4 PCI-E 2.0 x4
2	Slot6 PCI-E 2.0 x8
3	JTPM1 = Trusted Platform Module (TPM)/Port 80 Connector
4	JSD1 = SATA DOM Power Connector
5	JBT1 = CMOS Clear
6	CPU1
7	DIMMB1(Blue)/DIMMB2
8	DIMMA1(Blue)/DIMMA2
9	I-SATA0 ~ I-SATA5 = SATA Ports 0-5

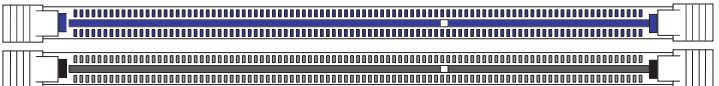
## MEMORY

### Unbuffered (UDIMM) DDR3 Memory

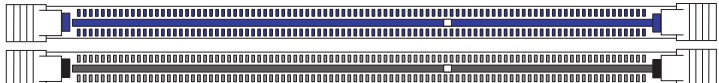
DIMM Slots per Channel	DIMMs Populated per Channel	DIMM Type	POR Speeds	Memory Population Sequence
2	1	Unbuffered DDR3 DIMM	1600,1333	A1, B1 (2 DIMMs)
2	2	Unbuffered DDR3 DIMM	1600,1333	A1, B1, A2, B2 (4 DIMMs)

**Note:** Use memory modules of the same type, speed, frequency and size.

**DIMMA1**  
(Blue Slot)  
**DIMMA2**



**DIMMB1**  
(Blue Slot)  
**DIMMB2**

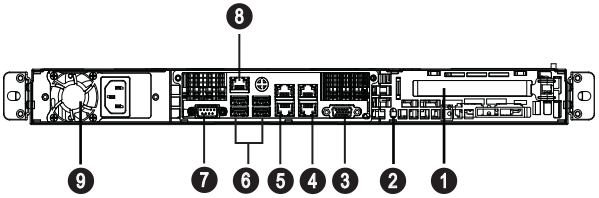


## Beep Codes

### BIOS Error Beep Codes

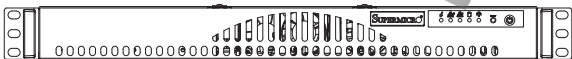
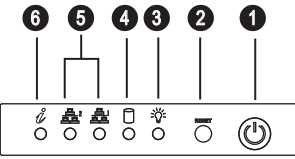
Beep Code/LED	Error Message	Description
1 beep	Refresh	Circuits have been reset. (Ready to power up)
5 short beeps + 1 long beep	Memory error	No memory detected in the system
8 beeps	Display memory read/write error	Video adapter missing or with faulty memory
OH LED On	System OH	System Overheat

## Rear View



No.	Description
1	PCI-E Expansion Slot (w/riser card)
2	UID
3	VGA Port
4	GbE LAN1/2 Port
5	GbE LAN3/4 Port
6	USB 0/1/2/3 Ports
7	COM1 Port
8	Dedicated LAN for IPMI
9	Single/Redundant Power Supply Module

## 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

### Installing 2.5" SATA Drives

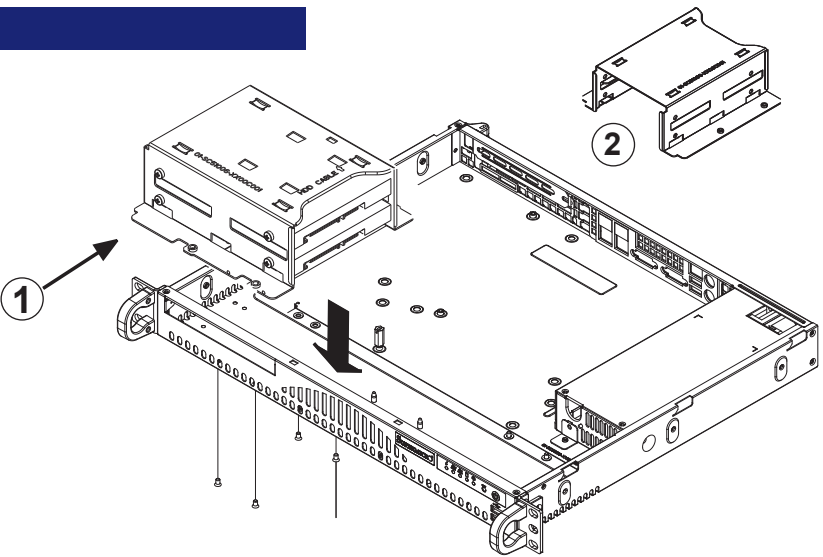
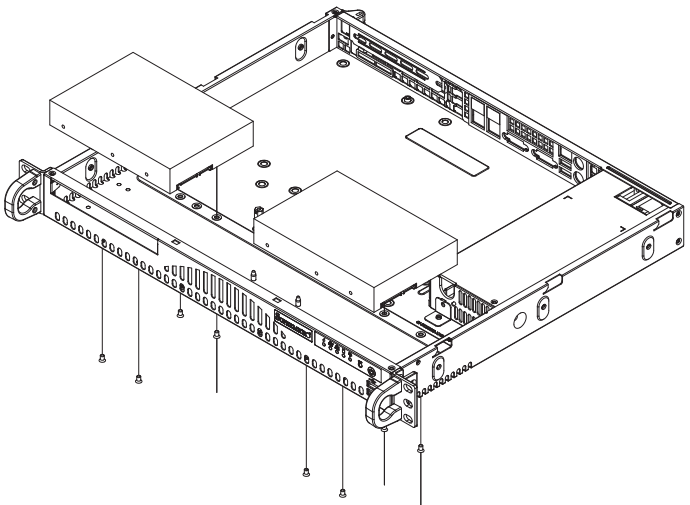
1. Power down the system and unplug the AC power cord.
2. Remove the chassis cover.
3. Use screws to secure the drive into the hard drive bracket: For two drives the bracket is p/n MCP-220-00044-0N.  
For one drive the bracket is p/n MCP-220-00051-0N.
4. Use screws to secure the bracket/drive assembly into the left side of the chassis as shown in the figure.

The 2.5" hard drives (1) must be installed in the (optional) bracket (2) before they are screwed into the chassis.

## SATA Drive Installation

### Installing a 3.5" SATA Drive

1. Power down the system and unplug the AC power cord.
2. Remove the chassis cover as described.
3. Use screws to secure the drive directly into the left side of the chassis as shown in the figure.



## 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.

**CAUTION:**  
The fans on the A1SAM-2550F are not hot-swappable.

For more information go to :  
<http://www.supermicro.com/support>