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FOR YOUR SYSTEM TO WORK PROPERLY, PLEASE DOWNLOAD APPROPRIATE

- DRIVERS/IMAGES/USER'S MANUAL FROM THE LINKS BELOW:**
- Manuals: <http://www.supermicro.com/support/manuals>
- Drivers & Utilities: <https://www.supermicro.com/wdl/driver/>
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

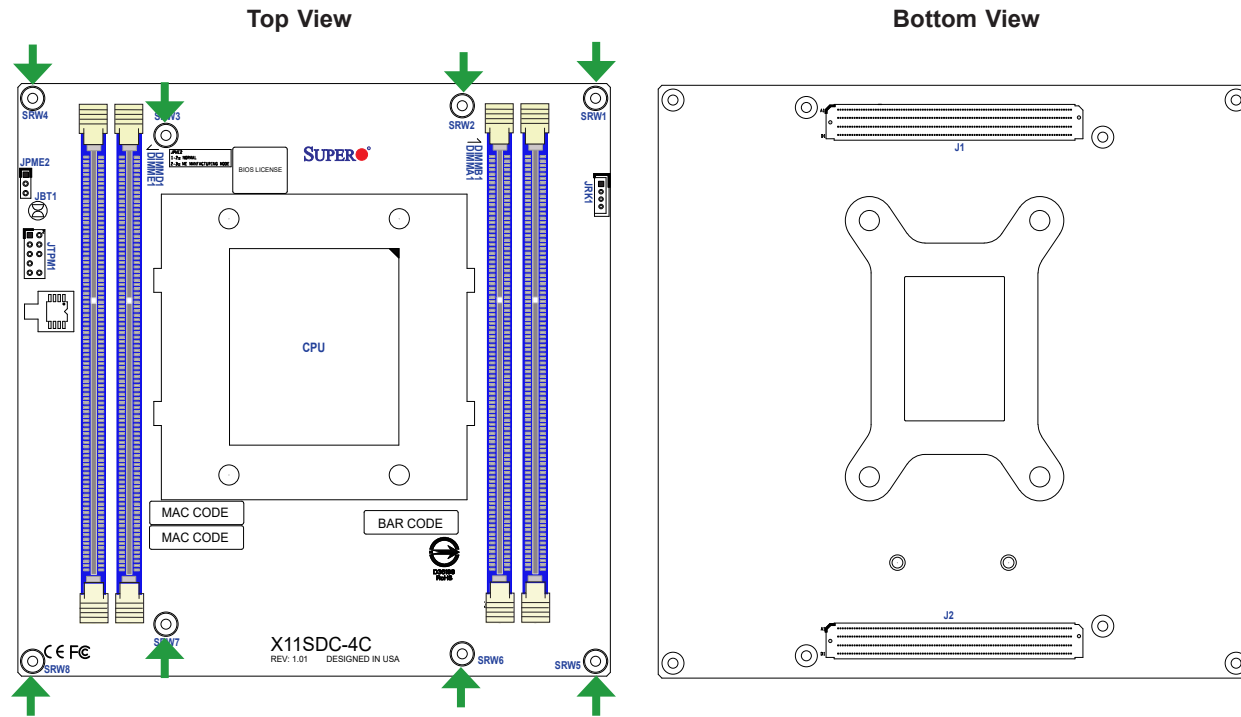
PACKAGE CONTENTS

- One Supermicro Motherboard
- One Quick Reference Guide

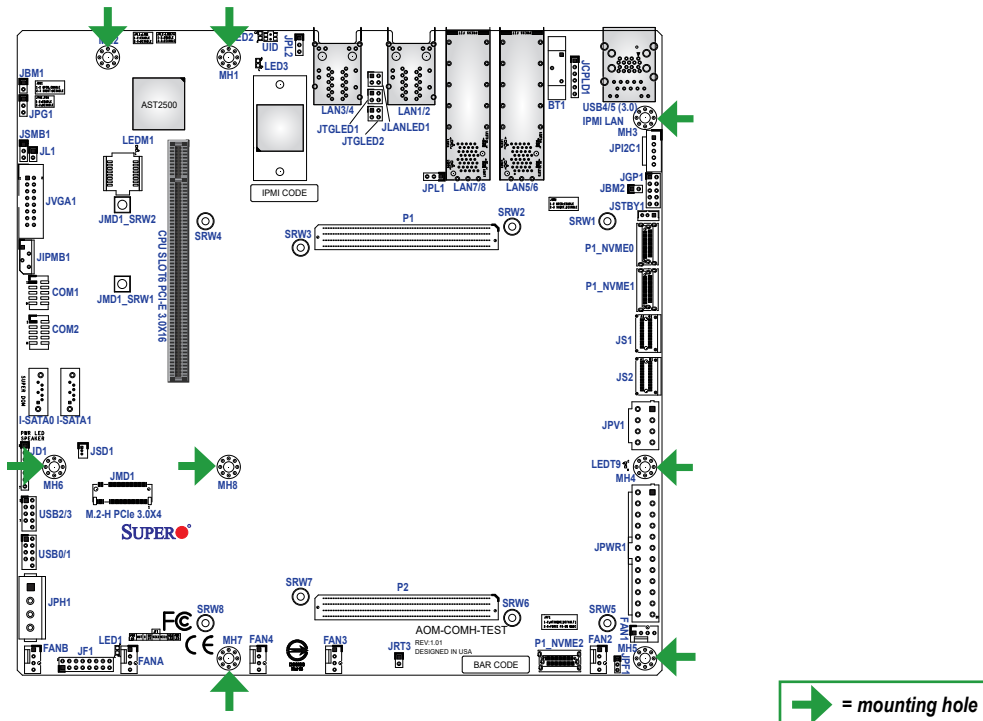


Motherboard Layout and Features

X11SDC Motherboard



AOM-COMH-TEST Carrier Board



Note: Graphics shown in this quick reference guide are for illustration only. Your components may or may not look exactly the same as drawings shown in this guide.

**AOM-COMH-TEST
 Jumpers and Connectors**

Jumpers		
Jumper	Description	Default Setting
JBM1	IPMI Share LAN Enable/Disable	Open (Enabled)
JBM2	IPMI Dedicated LAN Enable/Disable	Open (Enabled)
JBT1	CMOS Clear	Open (Normal)
JPF1	Power Mode Selection	Pins 1-2 (ATX Mode)
JPG1	Onboard VGA Enable/Disable	Pins 1-2 (Enabled)
JPL1	LAN1 Enable/Disable	Pins 1-2 (Enabled)
JPL2	LAN3/4 Enable/Disable	Pins 1-2 (Enabled)

Connectors	
Connector	Description
BT1	Onboard Battery
COM1, COM2	COM Port Header
FAN1 - FAN4, FANA, FANB	CPU/System Fan Headers (FAN1: CPU Fan)
I-SATA0, I-SATA1	SATA 3.0 Ports
IPMI LAN	Dedicated IPMI LAN Port
JD1	Power LED/Speaker Header (Pins 1-3: Power LED, Pins 4-7: Speaker)
JF1	Front Control Panel Header
JGP1	General Purpose I/O Header
JIPMB1	System Management Bus Header (for IPMI only)
JL1	Chassis Intrusion Header
JLANLED1	LAN3/4 Activity LED Header
JMD1	M.2 Slot M-Key 2280/22110 (PCIe x4)
JMD1_SRW1, JMD1_SRW2	M.2 Mounting Screws for JMD1
JPH1	4-pin HDD Power Connector
JPI2C1	Power I2C System Management Bus (Power SMB) Header
JPWR1	24-pin ATX Power Connector (Required)
JPV1	8-pin CPU Power Connector (Required)
JRT3	Temperature Sensor Header
JS1, JS2	SlimSAS PCIe 3.0 x4 Connectors
JSD1	SATA DOM Power Connector
JSMB1	System Management Bus Header
JSTBY1	5V Standby Power Header
JTGL1	LAN5/6 Activity LED Header
JTGL2	LAN7/8 Activity LED Header
JVG1	VGA Header
LAN1/2, LAN3/4	1GbE LAN Ports
LAN5/6, LAN7/8	10GbE LAN Ports
MH1 - MH8	Mounting Holes
P1_NVME0, P1_NVME1, P1_NVME2	OCulink PCIe 3.0 x4 Connectors

Note: Refer to Chapter 1 of the User Manual for detailed information on jumpers, connectors, and LED indicators.

**AOM-COMH-TEST
 Connectors and LED Indicators**

Connectors	
Connector	Description
SLOT6	CPU SLOT6 PCIe 3.0 x16
SRW1 - SRW8	Module Holding Screws
UID	Unit Identifier Switch
USB0/1, USB2/3	Front Accessible USB 2.0 Headers
USB4/5	Back panel USB 3.0 Ports

LED Indicators		
LED	Description	Status
LED1	Power LED	Solid Green: Power On
LED2	UID LED	Solid Blue: Unit Identified
LED3	Overheat/ Power Fail/ FAN Fail LED	Solid Red: Overheat Blinking Red: Power/Fan Fail
LEDM1	BMC Heartbeat LED	Blinking Green: Device Working

**X11SDC-4C/8C/16C
 Jumpers and Connectors**

Jumpers		
Jumper	Description	Default Setting
JPME2	Manufacturing Mode Select	Pins 1-2 (Normal)

Connectors	
Connector	Description
J1	Module Board Connector
J2	Module Board Connector
JRK1	Intel RAID Key Header
JTPM1	Trusted Platform Module (TPM)/Port 80 Connector
SRW1 - SRW8	Module Holding Screws

CPU Support

The X11SDC-4C/8C/16C module board supports an Intel® Xeon D-2100 SoC processor.

Memory Support

The X11SDC-4C/8C/16C module board supports up to 256GB of RDIMM or 512GB of ECC LRDIMM DDR4 memory with speeds of up to 2400MHz in four slots.

Note: Refer to Chapter 2 of the User Manual for detailed information on memory support and CPU/motherboard installation instructions.