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FOR YOUR SYSTEM TO WORK PROPERLY, PLEASE DOWNLOAD APPROPRIATE

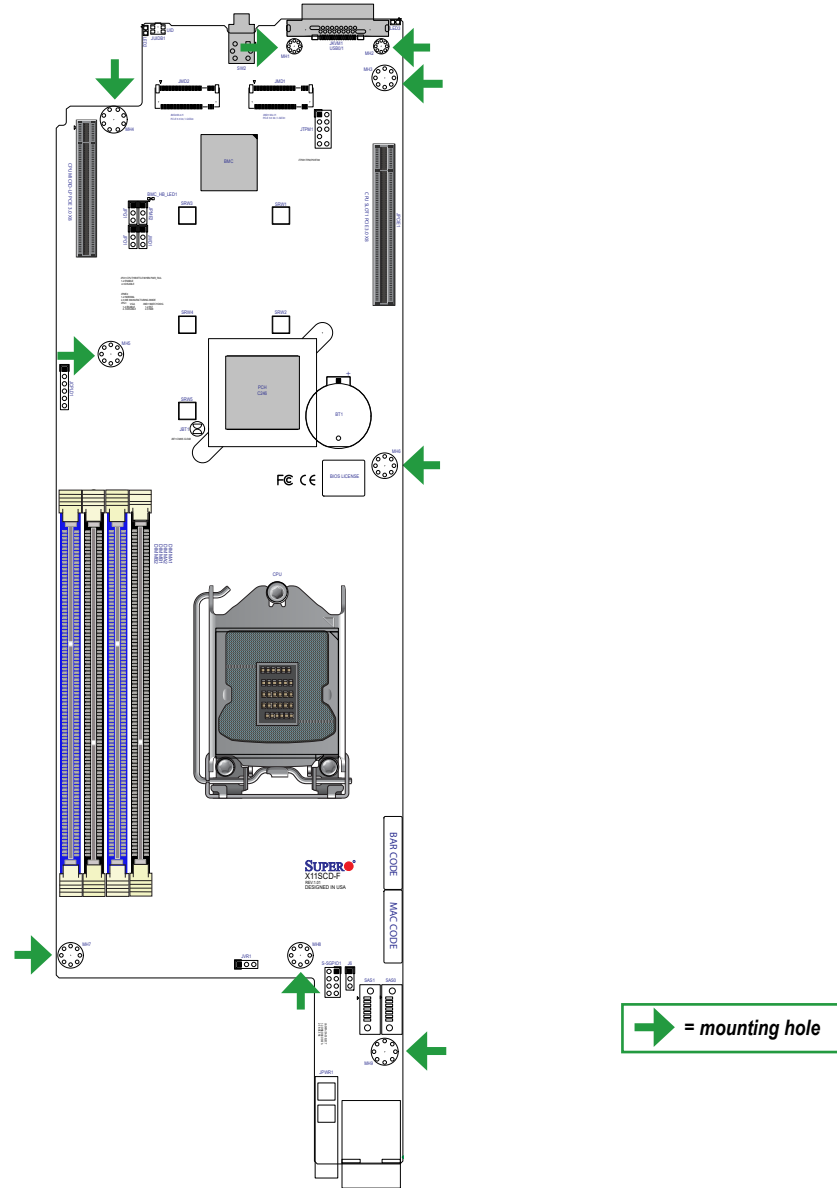
- DRIVERS/IMAGES/USER'S MANUAL FROM THE LINKS BELOW:**
- Manuals: <http://www.supermicro.com/support/manuals>
 - Drivers & Utilities: <https://www.supermicro.com/wftp/driver/>
 - Safety: http://www.supermicro.com/about/policies/safety_information.cfm

PACKAGE CONTENTS

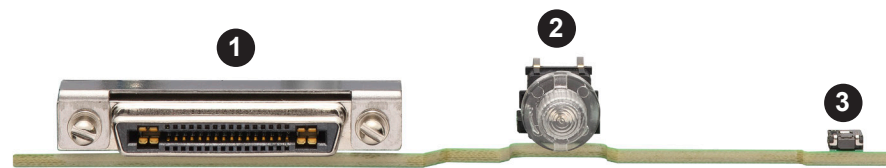
- One (1) Supermicro Motherboard
- One (1) Quick Reference Guide



Motherboard Layout and Features



Back Panel I/O Connectors



#	Description
1	JKVM1
2	SW2
3	JUIDB1

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.

Jumpers and Connectors

Jumpers

Jumper	Description	Default
JBT1	CMOS Clear	Open: Normal, Closed: Clear CMOS
JPG1	Onboard VGA Enable/Disabel	Pins 1-2 (Enabled)
JPME2	Manufacturing Mode	Pins 1-2 (Normal)
JWD1	Watch Dog Timer	Pins 1-2 (Reset)

Connectors

Connector	Description
BT1	Onboard Battery
SAS0/SAS1	SAS AOC input
J6	SATA/SAS select; 1-2: onboard SATA (default), 2-3: AOC SAS
JCPLD1	CPLD code programming
JKVM1	VGA/COM1/USB Connector on the I/O backplane
JMD1-JMD2	M.2 Slot
JTPM1	Trusted Platform Module/Port 80 Connector
JPCIE1	CPU PCIe 3.0 x8 Slot
JPO1	CPU throttle when PWR_FAIL; 1-2: Enable, 2-3: Disable (default)
JPWR1	12V in ATX Power Connector
JVR1	VRM I ² C SMBus to Header
JUIDB1	Unit Identifier Switch
MLP PCI-E 3.0 x8	Micro Low Profile PCI-E 3.0 x8 Slot
S-SGPI01	Serial General Purpose I/O Header for SAS AOC input
SRW1-5	M.2 stand off
SW2	Power Switch, Power LED

LED Indicators

LED	Description	Status
LED1	BMC Heartbeat LED	Green Blinking: BMC Normal
LED2	UID LED	Solid Blue: Unit Identified
LED3	OH/Power, Fail/FAN Fail LED	Blinking Red: Power Fail or FAN Fail, Solid Red: Over Heat

Note: Refer to Chapter 2 of the User Manual for detailed information on jumpers, connectors, and LED indicators.

CPU Support

The Supermicro X11SCD-F motherboard supports an Intel® Xeon E-2100 processor with up to 95W in an LGA1151 socket.

Memory Support

The X11SCD-F motherboard supports up to 128GB of DDR4 Unbuffered ECC U-DIMM with speeds up to 2666MHz in four slots.

DIMM Memory Installation

When installing memory modules, the DIMM slots should be populated in the following order: DIMMB2, DIMMA2, then DIMMB1, and then DIMMA1.

- Always use DDR4 DIMM modules of the same type, size, and speed.
- Mixed DIMM speeds can be installed. However, all DIMMs will run at the speed of the slowest DIMM.
- The motherboard will support odd-numbered modules (one or three modules installed). However, for best memory performance, install DIMM modules in pairs to activate memory interleaving.

Recommended Population (Balanced)

DIMMB2	DIMMA2	DIMMB1	DIMMA1	Total System Memory
4GB	4GB			8GB
4GB	4GB	4GB	4GB	16GB
8GB	8GB			16GB
8GB	8GB	8GB	8GB	32GB
16GB	16GB			32GB
16GB	16GB	16GB	16GB	64GB
32GB	32GB			64GB
32GB	32GB	32GB	32GB	128GB

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