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FOR YOUR SYSTEM TO WORK PROPERLY, PLEASE DOWNLOAD APPROPRIATE

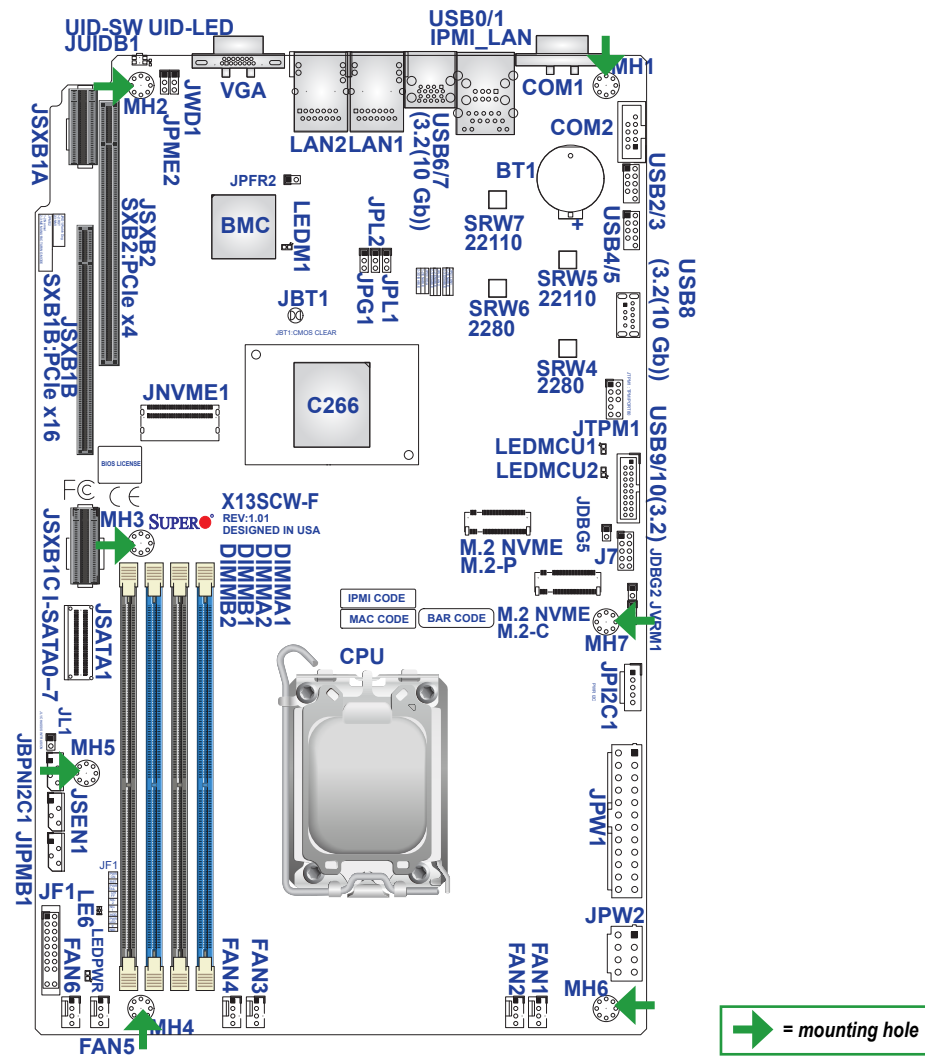
- DRIVERS/IMAGES/USER'S MANUAL FROM THE LINKS BELOW:**
- Manuals: <http://www.supermicro.com/support/manuals>
 - Drivers & Utilities: <https://www.supermicro.com/wdl/driver/>
 - Safety: http://www.supermicro.com/about/policies/safety_information.cfm

PACKAGE CONTENTS

- One Supermicro Motherboard
- One Slimline x8 to 4x SATA Cable
- One Quick Reference Guide



Motherboard Layout and Features



Jumpers, Connectors, and LED Indicators

Jumpers

Jumper	Description	Default
JBT1	CMOS Clear	Open (Normal)
JPG1	VGA Enable	Pins 1-2 (Enabled)
JPL1, JPL2	LAN1, LAN2 Enable	Pins 1-2 (Enabled)
JPME2	ME Manufacturing Mode	Pins 1-2 (Normal)

Connectors

Connector	Description
BT1	Onboard Battery
COM1, COM2	COM Port, COM Header
FAN1-FAN6	CPU/System Fan Headers
IPMI_LAN	Dedicated IPMI LAN Port
I-SATA0-I-SATA7	Intel PCH SATA 3.0 Ports (with RAID 0, 1, 5, 10)
JBPNI2C1	4-pin BMC External I ² C Header (for a BPN-NVME4-LA15-S4 backplane)
JF1	Front Control Panel Header
JIPMB1	4-pin BMC External I ² C Header (for an IPMI card)
JL1	Chassis Intrusion Header
JNVME1	NVMe MCIO Connector x8 (two PCIe 4.0 x4 via PCH)
JPI ² C1	Power I ² C System Management Bus (SMB) Header
JPW1	24-pin ATX Power Supply Connector
JPW2	8-pin CPU Power Connector
JSEN1	Inlet Sensor Header
JSXB1A, JSXB1B, JSXB1C	Supermicro Proprietary WIO_L (Left) Add-On Card Slots
JSXB2	Supermicro Proprietary WIO_R (Right) Add-On Card Slot
JTPM1	Trusted Platform Module (TPM)/Port 80 Header
JUIDB1	Unit Identifier (UID) Button
LAN1, LAN2	1GbE LAN Ports
M.2-C	M.2 Slot for CPU PCIe 4.0 x4 (Supports M-Key 2280/22110 FF)
M.2-P	M.2 Slot for PCH PCIe 4.0 x4 (Supports M-Key 2280/22110)
SRW4-SRW7	M.2 Mounting Holes
USB0/1	Back Panel USB 2.0 Ports
USB2/3, USB4/5	Front Accessible USB 2.0 Headers
USB6/7	Back Panel USB 3.2 Gen 2 x1 Ports
USB8	USB 3.2 Gen 2 x1 Type-A Header
USB9/10	Front Accessible USB 3.2 Gen 1 x1 Header
VGA	VGA Port

LED Indicators

LED	Description	Status
LE6	Power Ready LED	Solid Amber: Standby Solid Red: Power Failed Solid Green: Power On
LEDM1	BMC Heartbeat LED	Blinking Green: BMC Normal
LEDMCU1	Micro Control Unit (MCU) Heartbeat LED	Blinking Green: MCU Normal
LEDPWR	Onboard Power LED	Solid Green: Power On
UID-LED	UID LED	Solid Blue: Unit Identified

CPU Support

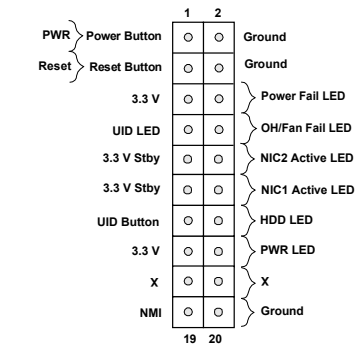
The X13SCW-F supports an Intel® Xeon® 6300-series/E-2400 or 12th Generation Pentium (V0 - LGA 1700) processor with up to eight cores and a thermal design power (TDP) of up to 95 W.

Memory Support and Installation

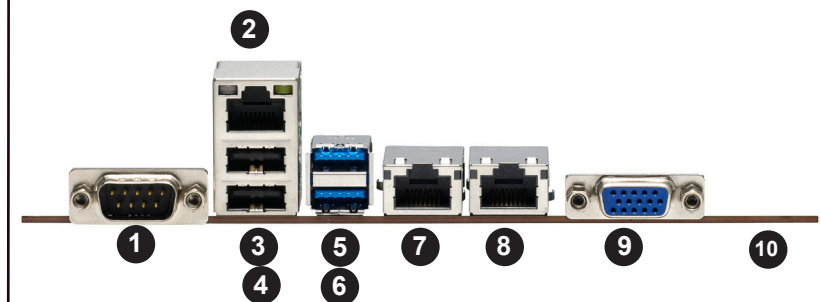
The X13SCW-F motherboard supports up to 128 GB of DDR5 ECC UDIMM memory with speeds of up to 4400 MT/s in four memory slots. Note that this motherboard supports up to 4400 MT/s with the one DIMM per channel and up to 4000 MT/s with the two DIMM per channel population configurations.

Number of DIMMs	Memory Population Sequence
1	DIMMB2 DIMMA2
2	DIMMB2 / DIMMB1 DIMMA2 / DIMMA1
4	DIMMB2 / DIMMBA2 / DIMMB1 / DIMMA1

Front Control Panel (JF1)

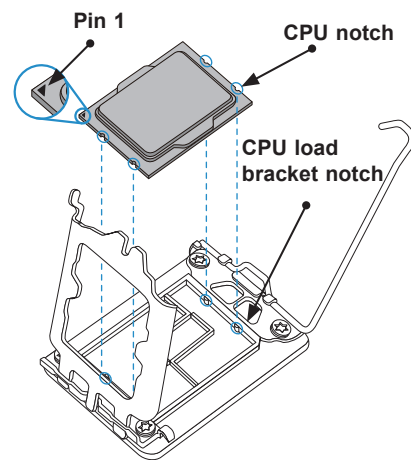


Back Panel I/O Connectors

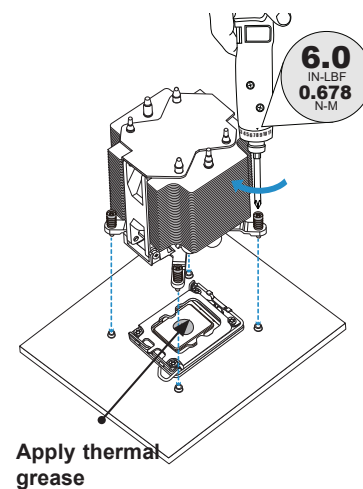


#	Description	#	Description	#	Description
1.	COM1	5.	USB7 (USB 3.2 Gen 2 x1)	9.	VGA Port
2.	Dedicated IPMI LAN	6.	USB6 (USB 3.2 Gen 2 x1)	10.	UID Button
3.	USB1	7.	LAN1		
4.	USB0	8.	LAN2		

CPU Installation



Heatsink Installation



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.

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

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