

CONTACT INFORMATION

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FOR YOUR SYSTEM TO WORK PROPERLY, PLEASE DOWNLOAD APPROPRIATE

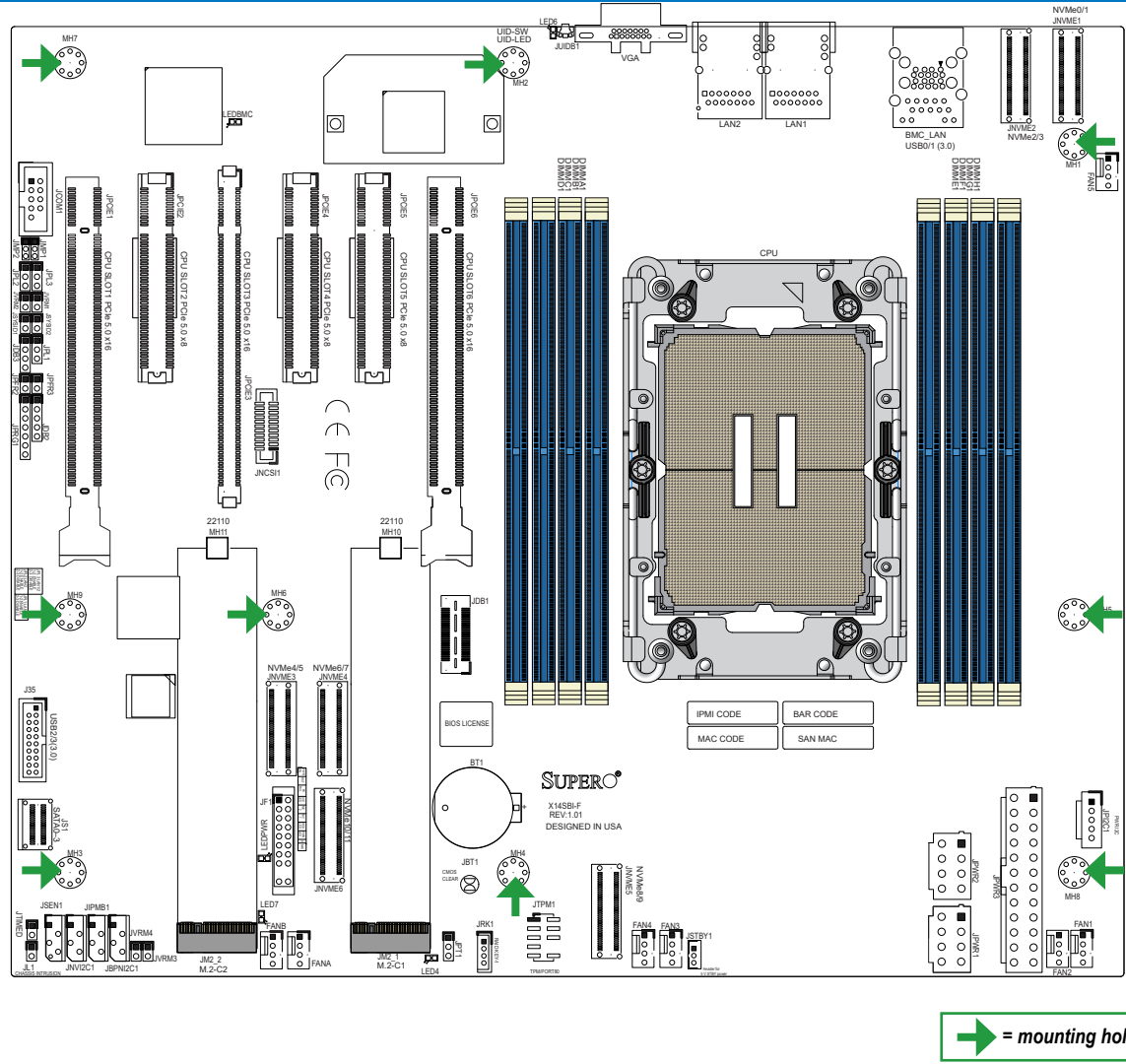
- DRIVERS/IMAGES/USER'S MANUAL FROM THE LINKS BELOW:**
- Manuals: <http://www.supermicro.com/support/manuals>
 - Drivers & Utilities: <https://www.supermicro.com/wdl/driver/>
 - Safety: http://www.supermicro.com/about/policies/safety_information.cfm

PACKAGE CONTENTS

- One Supermicro Motherboard
- One Quick Reference Guide
- One I/O Shield
- One SATA Cable
- Two CPU Carriers



Motherboard Layout and Features



Jumpers and Connectors

Jumpers		
Jumper	Description	Default Setting
JBT1	CMOS Clear	Open (Normal)
JPL1	LAN1 Enable/Disable (I210, X14SBI-F only)	Pins 1-2 (Enabled) Pins 2-3 (Disabled)
JPL2	LAN2 Enable/Disable (I210, X14SBI-F only)	Pins 1-2 (Enabled) Pins 2-3 (Disabled)
JPL3	LAN 1/2 Enable/Disable (X550, X14SBI-TF only)	Pins 1-2 (Enabled) Pins 2-3 (Disabled)
JPT1	TPM 2.0 Enable/Disable	Pins 1-2 (Enabled) Pins 2-3 (Disabled)
JVRM1	VRM SMB Clock (to BMC)	Pins 1-2 (Normal)
JVRM2	VRM SMB Data (to BMC)	Pins 1-2 (Normal)

Connectors	
Connector	Description
BMC_LAN	Dedicated BMC LAN Port
BT1	Onboard Battery
FAN1-FAN5, FANA, FANB	Processor/System Fan Headers (FAN1: CPU Fan)
J35	USB 3.2 Gen 1 Header (USB2/3)
JBPNI ² C1	4-pin BMC External I ² C Header
JCOM1	COM Header
JF1	Front Control Panel Header
JIPMB1	System Management Bus Header (for IPMI only)
JL1	Chassis Intrusion Header
JM2_1, JM2_2	M.2 M-Key PCIe 5.0 x2 Slots (supports 22110 form factor)
JNCSI1	NC-SI Port Selection
JNV ² C1	Non-volatile Memory (NVMe) I ² C Header
JNVME1-JNVME6	MCIO PCIe 5.0 x8 Connectors (JNVME1 and JNVME2 support CXL 2.0 devices. JNVME3-JNVME6 are enabled with the following processors installed: Intel® Xeon® 6781P, 6761P, 6741P, 6731P, 6521P, 6511P)
JPI ² C1	Power I ² C System Management Bus (Power SMB) Header
JPWR1, JPWR2	8-pin 12 V CPU Power Connector
JPWR3	24-pin ATX Power Connector (Required)
JRK1	Intel® RAID Key Header
JS1	Slimline SAS SATA 3.0 Ports
JSEN1	Inlet Sensor Header
JSTBY1	Standby Power Header
JTPM1	Trusted Platform Module/Port 80 Header
JUIDB1	Unit Identifier Button
LAN1, LAN2	LAN (RJ45) Ports
MH1-MH9	Mounting Holes
MH10, MH11	M.2 Mounting Holes

Connectors and LED Indicators

Connectors	
Connector	Description
SLOT1	PCIe 5.0 x16 Slot with Latch (Supports CXL 2.0 devices)
SLOT2	PCIe 5.0 x8 Slot (Supports CXL 2.0 devices)
SLOT3	PCIe 5.0 x16 Slot (Supports CXL 2.0 devices)
SLOT4	PCIe 5.0 x8 Slot (Supports CXL 2.0 devices)
SLOT5	PCIe 5.0 x8 Slot (Supports CXL 2.0 devices)
SLOT6	PCIe 5.0 x16 Slot with Latch (SLOT6 is enabled with the following processors installed: Intel® Xeon® 6781P, 6761P, 6741P, 6731P, 6521P, 6511P)
USB0/1	I/O Panel USB 3.2 Gen 1 Ports
VGA	VGA Port

LED Indicators		
LED	Description	Status
LED4	M.2 LED	Blinking: Device Working
LED6	Unit Identifier LED	Solid Blue: Unit Identified
LED7	M.2 LED	Blinking: Device Working
LEDBMC	BMC Heartbeat	Blinking Green: Device Working
LEDPWR	Power LED	Solid Green: Power On Blinking

Processor and Memory Support

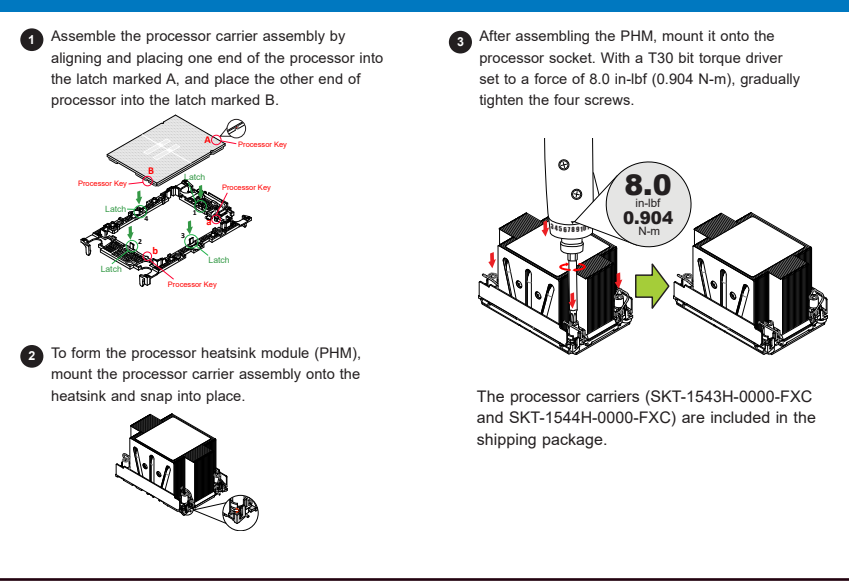
The X14SBI-F-TF motherboard supports the Intel® Xeon® 6700/6500-series processors with P-cores or Intel® Xeon® 6700-series processor with E-cores, and a thermal design power (TDP) of up to 350 W.

The motherboard supports up to 2 TB of 3DS RDIMM/MRDIMM DDR5 ECC memory with speeds of up to 8000 MT/s in eight DIMM slots.

DIMM Counts	Memory Population Sequence (1DPC)
1 (Recommended)	DIMMA1
4 (Recommended)	DIMMA1/DIMMC1/DIMME1/DIMMG1 DIMMB1/DIMMD1/DIMMH1/DIMMF1
8 (Recommended)	DIMMA1/DIMMB1/DIMMC1/DIMMD1/DIMME1/DIMMF1/DIMMG1/DIMMH1

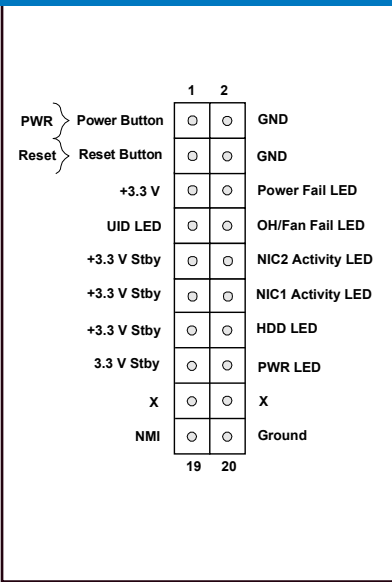
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Processor and PHM Installation



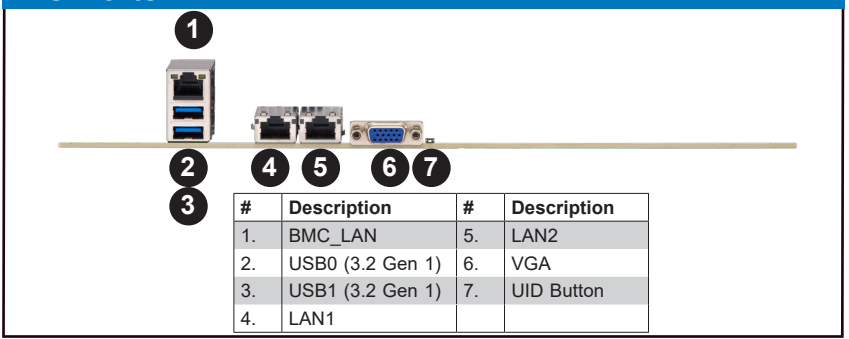
Note: Graphics shown in this quick reference guide are for illustrative purposes only. Your components may or may not look exactly the same as drawings shown in this guide.

Front Control Panel



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

I/O Ports



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