

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/wftp/driver/>
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

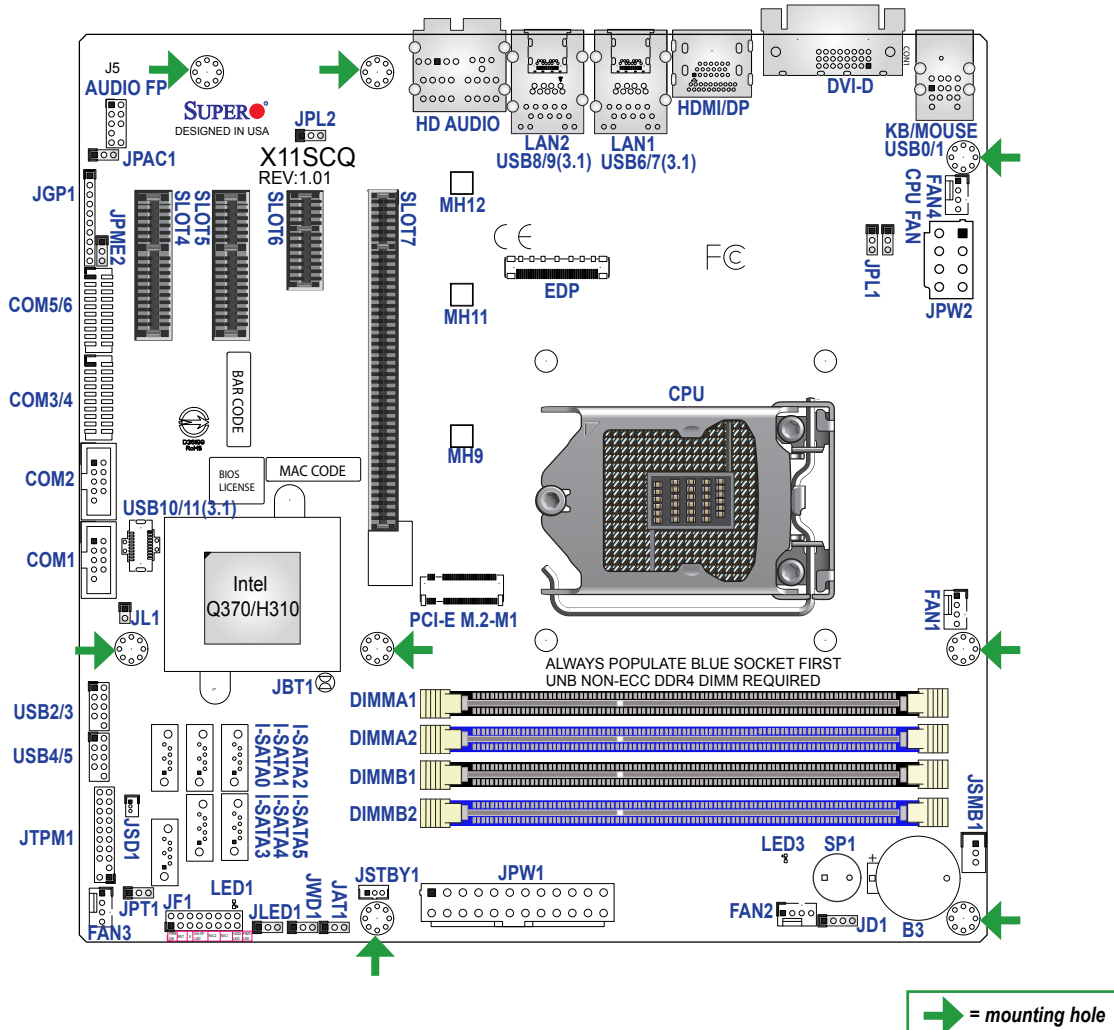
PACKAGE CONTENTS

- One (1) Supermicro Motherboard
- One (1) Quick Reference Guide
- One (1) I/O Shield
- Six (6) SATA Cable (Four for -L)

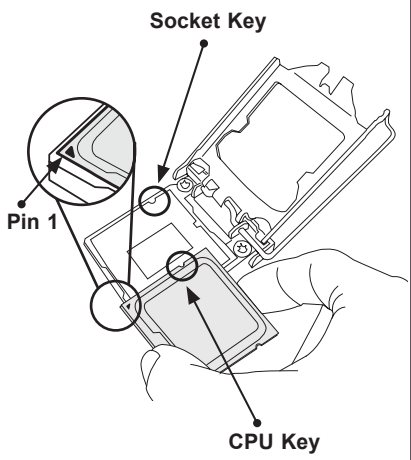


WARNING: This product can expose you to chemicals including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

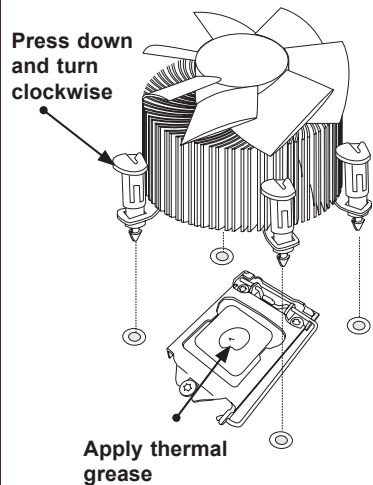
Motherboard Layout and Features



CPU Installation



Heatsink Installation



Front Control Panel

		1	2	
PWR	Power Button	○	○	Ground
Reset		○	○	Ground
		X	○	X
	+3.3V	○	○	OH/Fan Fail LED
	3.3V Stby	○	○	NIC2 Activity LED
	3.3V Stby	○	○	NIC1 Activity LED
	+3.3V	○	○	HDD LED
	+3.3V Stby	○	○	PWR LED
		15	16	

Jumpers and Connectors

Jumpers		
Jumper	Description	Default Setting
JAT1	ATX/AT Mode	Pins 1-2 (ATX Mode)
JBT1	CMOS Clear	Open (Normal)
JPAC1	Audio Enable	Pins 1-2 (Enable)
JPL1, JPL2	LAN1/LAN2 Enable/Disable	Pins 1-2 (Enable)
JPME2	Manufacturing Mode	Pins 1-2 (Normal)
JPT1	Onboard TPM Enable/Disable (not available on X11SCQ-L)	Pins 1-2 (Enable)
JWD1	Watch Dog Timer	Pins 1-2 (Reset)

Connectors	
Connector	Description
AUDIO FP	Front Panel Audio Header
B3	Onboard Battery
COM1	COM1 Header
COM2	COM2 Header
COM3/4	COM3 and COM4 Headers
COM5/6	COM5 and COM6 Headers
DVI-D	Digital Video Interface Port
eDP	Embedded DisplayPort
FAN1 - FAN4	CPU/System Fan Headers (FAN4: CPU Fan)
HD AUDIO	Rear Audio Ports
HDMI/DP	High Definition Multimedia Interface/DisplayPort
I-SATA0 - I-SATA5	SATA 3.0 Ports (SATA4/5 not available on X11SCQ-L)
JD1	Speaker/Buzzer (Pins 1-4: Speaker, Pins 3-4: Buzzer)
JF1	Front Control Panel Header
JGP1	General Purpose I/O Header
JL1	Chassis Intrusion Header
JLED1	3-pin Power LED Indicator Header
JPW1	24-pin ATX Main Power Connector (Required)
JPW2	+12V 8-pin CPU Power Connector (Required)
JSD1	SATA DOM Power Connector
JSMB1	System Management Bus Header
JSTBY1	5V Standby Power Header
JTPM1	Trusted Platform Module (TPM)/Port 80 Connector
KB/MOUSE	Keyboard and Mouse Connector
LAN1, LAN2	Gigabit Ethernet (RJ45) Port
M.2	M.2 M-Key PCIE3 Connector (not available on X11SCQ-L)
MH9, MH11, MH12	M.2 Mounting screws
SLOT4	PCI-E 3.0 x4 Slot (not available on X11SCQ-L)
SLOT5	PCI-E 3.0 x4 Slot (PCI-E 2.0 x4 on X11SCQ-L)

Connectors and LED Indicators

Connectors		
Connector	Description	
SLOT6	PCI-E 3.0 x1 Slot (PCI-E 2.0 x1 on X11SCQ-L)	
SLOT7	PCI-E 3.0 x16 Slot	
SP1	Speaker/Buzzer	
USB0/1	Back Panel USB 2.0 Ports	
USB2/3, USB4/5	Front Accessible USB 2.0 Headers	
USB6/7, USB8/9	Back Panel USB 3.1 Gen 2 Ports (USB 3.1 Gen 1 on X11SCQ-L)	
USB10/11	Front Accessible USB 3.1 Gen 2 Headers (not available on X11SCQ-L)	
LED Indicators		
LED	Description	Status
LED1	Power LED	Solid Green: Power On
LED3	Standby Power LED	Green: Standby Power On

CPU Support

The X11SCQ/-L motherboard supports an Intel® 8th/9th Generation Core™ i9/Core™ i7/Core™ i5/Core™ i3/Pentium®/Celeron® series processor in an LGA1151 socket.

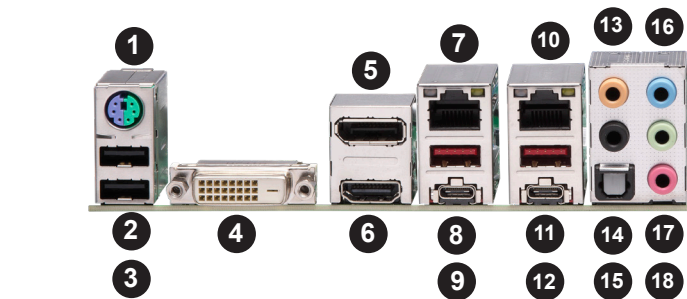
Memory Support

The X11SCQ motherboard supports up to 128GB of DDR4 Non-ECC UDIMM in four slots. Insert the desired number of DIMMs, starting with DIMMA2, DIMMB2, then DIMMA1, DIMMB1.

The X11SCQ-L motherboard supports up to 64GB of DDR4 Non-ECC UDIMM in two slots. Insert the desired number of DIMMs, starting with DIMMA2 then DIMMB2.

For optimal performance, use memory modules of the same type and speed.

Back Panel I/O Connectors



#	Description	#	Description	#	Description	#	Description
1.	KB/Mouse	6.	HDMI	11.	USB9 (3.1)	16.	Line In
2.	USB1	7.	LAN1	12.	USB8 (3.1)	17.	Line Out
3.	USB0	8.	USB7 (3.1)	13.	CEN/LFE Out	18.	Mic In
4.	DVI-D	9.	USB6 (3.1)	14.	Surround Out		
5.	DP	10.	LAN2	15.	SPDIF Out		

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.