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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/CDR_Images/CDR-X11-UP/
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

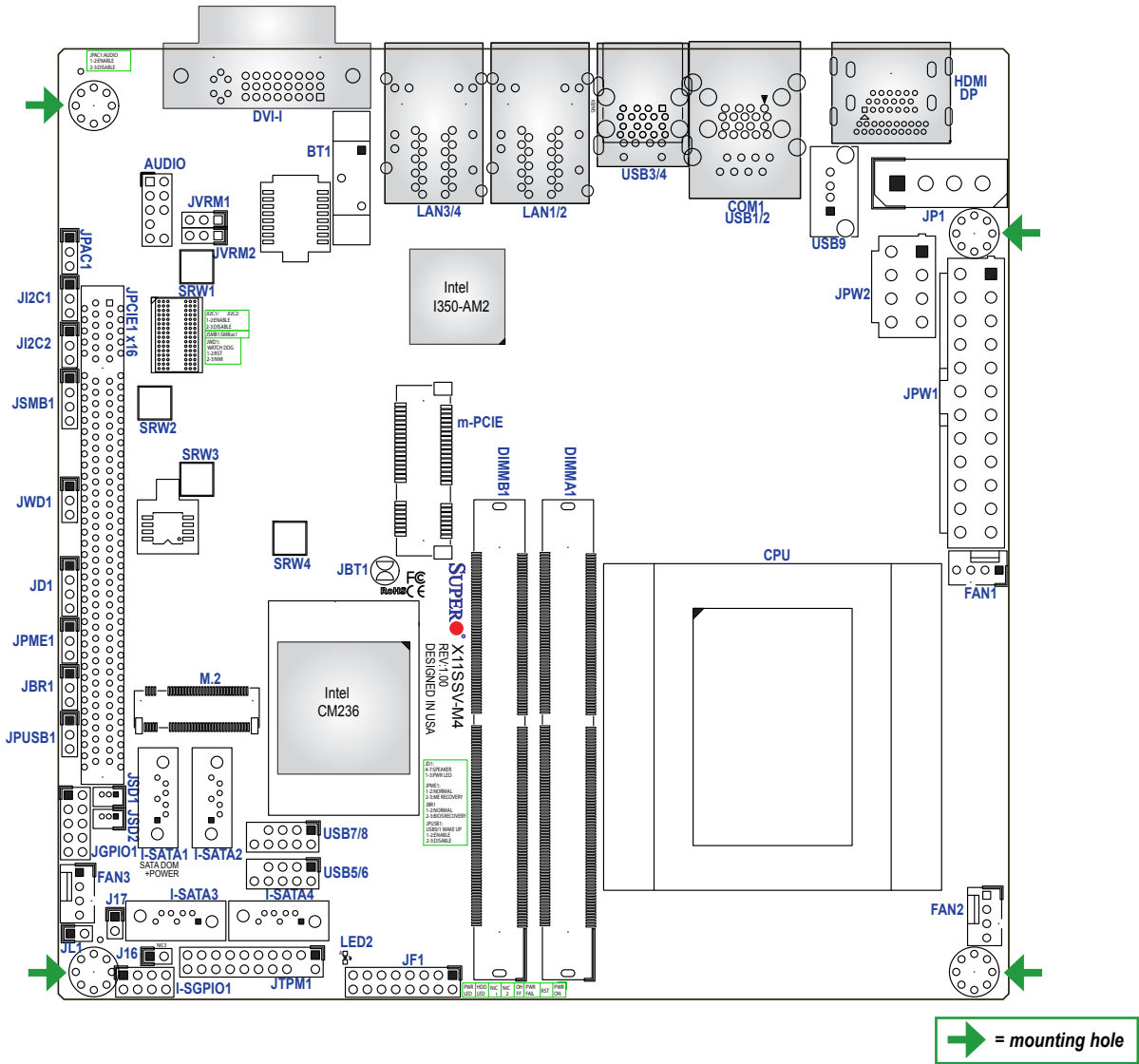
PACKAGE CONTENTS

- One Supermicro Motherboard
- Four SATA Cables
- One I/O Shield and One Audio Cable
- One Quick Reference Guide



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



Front Control Panel (JF1)

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

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 Setting
JBR1	BIOS Recovery	Pins 1-2 (Normal)
JBT1	CMOS Clear	Open (Normal)
J12C1/J12C2	SMB to PCIe Slots Enable/Disable	Pins 2-3 (Disabled)
JPAC1	Audio Enable	Pins 1-2 (Enabled)
JPME1	ME Recovery	Pins 1-2 (Normal)
JPUSB1	USB Wake Up	Pins 2-3 (Disabled)
JVRM1	VRM SMB Clock (to PCH)	Pins 2-3 (Normal, BMC)
JVRM2	VRM SMB Data (to PCH)	Pins 2-3 (Normal, BMC)
JWD1	Watch Dog Enable	Pins 1-2 (Reset)

Connectors	
Connector	Description
AUDIO	Front Panel Audio Header
BT1	Onboard Battery
COM1	COM Port
DVI-I	Digital Video Interface (Analog and Digital)
FAN1 ~ FAN3	System/CPU Fan Headers (FAN1: CPU Fan)
HDMI/DP	High Definition Multimedia Interface/DisplayPort
I-SATA1 ~ I-SATA4	Intel PCH SATA 3.0 Ports
I-SGPIO1	Serial Link General Purpose I/O Header
J16	NIC3 Activity LED
J17	NIC4 Activity LED
JD1	Speaker Header
JF1	Front Control Panel Header
JGPIO1	General Purpose I/O Header
JL1	Chassis Intrusion Header
JP1	4-pin Power Connector for HDD
JPCIE1 x16	CPU PCIe 3.0 X16 Slot
JPW1	24-pin ATX Power Connector
JPW2	8-pin 12V CPU Power Connector (To provide alternative power for special enclosure when the 24-pin ATX power is not in use.)
JSD1/JSD2	SATA DOM Power Connectors
J SMB1	System Management Bus Header
JTPM1	Trusted Platform Module/Port 80 Connector
LAN1 ~ LAN4	Gigabit Ethernet (RJ45) Ports
M.2	M.2 Slot
m-PCIE	Mini-PCIe Slot
SRW1/SRW3	M.2 Holding Screws
SRW2/SRW4	Mini-PCIe Holding Screws
USB1/2, USB3/4	Back panel USB 3.0 Ports
USB5/6	Front Access USB 2.0 Header
USB7/8	Front Access USB 2.0 Header
USB9	USB Type A Header

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

LED Indicators

LED Indicators		
LED	Description	Status
LED2	Power LED	Solid Green: Power On

CPU Support

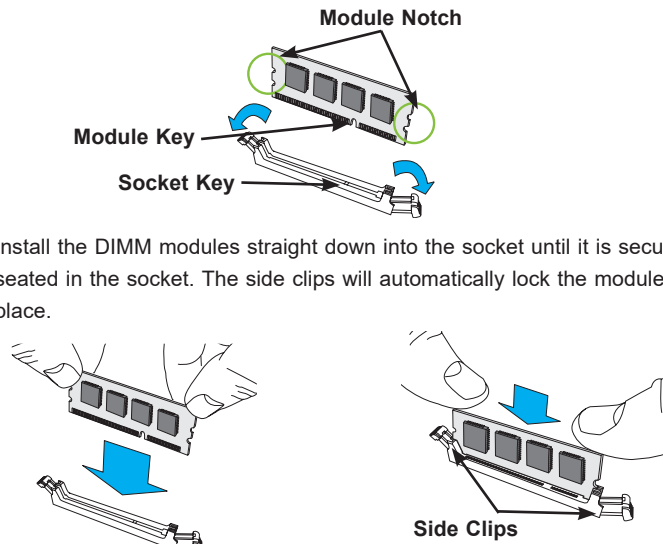
The X11SSV-M4 motherboard supports an Intel® E3-1500 v5 processor in a BGA type.

Memory Support

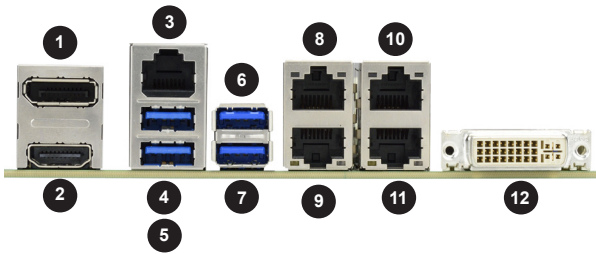
The X11SSV-M4 motherboard supports up to 32 GB of DDR4 ECC/Non-ECC SO-DIMM in two memory slots.

SO-DIMM Memory Installation

1. Align the key on the bottom of the DIMM module against the receptive point on the memory slot. Take note of the notches on the side of the DIMM module and of the locking clips to avoid causing damage.



Back Panel I/O Connectors



#	Definition	#	Description	#	Description
1	DisplayPort	5	USB1	9	LAN1/AMT vPRO
2	HDMI	6	USB4	10	LAN4
3	COM1 (RJ45 Socket)	7	USB3	11	LAN3
4	USB2	8	LAN2	12	DVI-I

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