SUPERMICRO®
X11SSV-M4F
QUICK REFERENCE GUIDE REV. 1.00

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

PACKAGE CONTENTS
- One (1) Supermicro Motherboard
- Four (4) SATA Cables
- One (1) I/O Shield
- One (1) Quick Reference Guide

Motherboard Layout and Features

= mounting hole
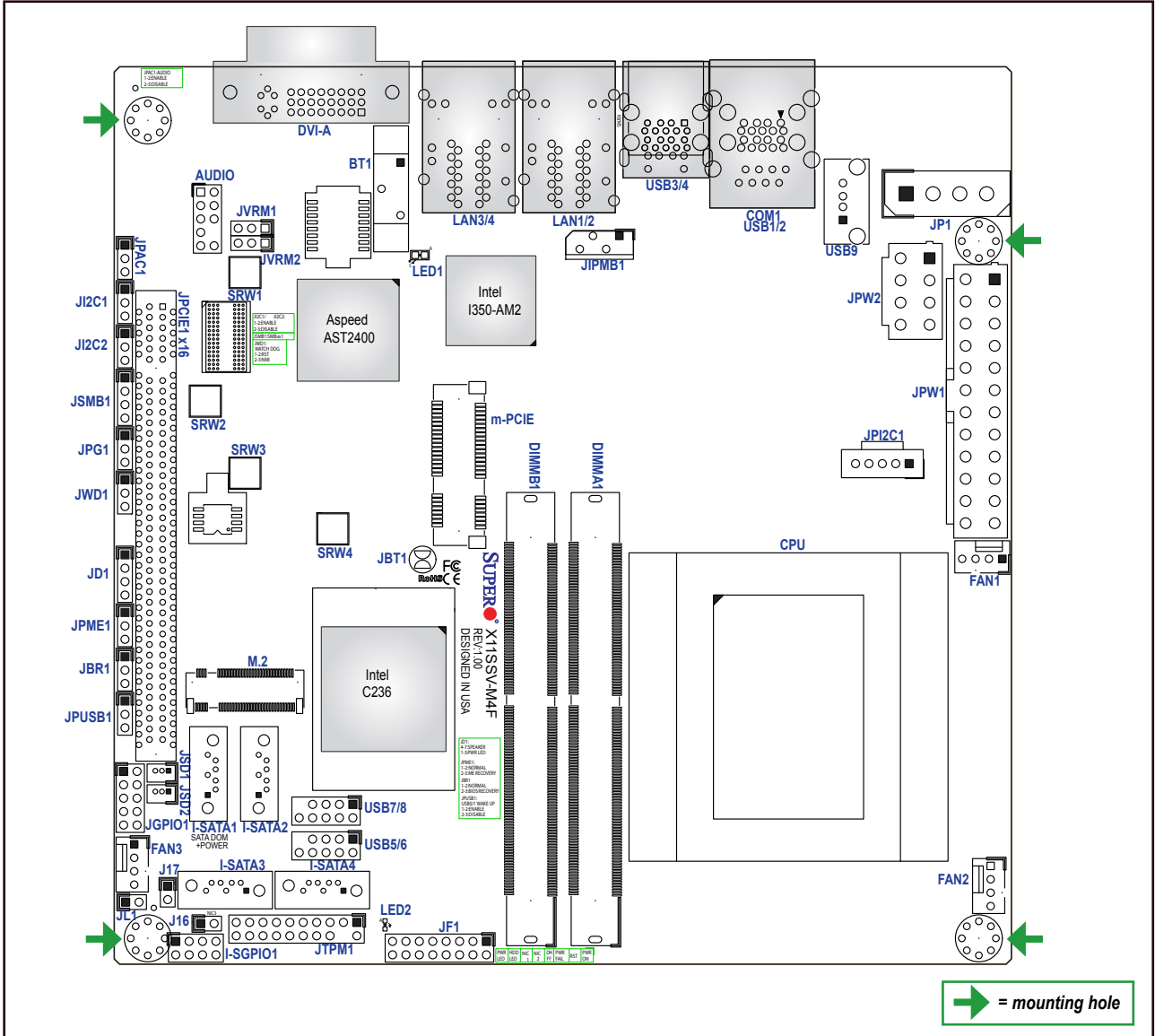
Front Control Panel (JF1)

	1	2	
PWR — Power Button	○	○	Ground
Reset — 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)
JI²C1/JI²C2	SMB to PC-E Slots Enable/Disable	Pins 2-3 (Disabled)
JPAC1	Audio Enable	Pins 1-2 (Enabled)
JPG1	VGA Enable/Disable	Pins 1-2 (Enabled)
JPME1	ME Recovery	Pins 1-2 (Normal)
JPUSB1	USB Wake Up	Pins 2-3 (Disabled)
JVRM1	VRM SMB Clock (to BMC or PCH)	Pins 1-2 (Normal)
JVRM2	VRM SMB Data (to BMC or PCH)	Pins 1-2 (Normal)
JWD1	Watch Dog Enable	Pins 1-2 (Reset)

Connectors

Connector	Description
AUDIO	Front Panel Audio Header
BT1	Onboard Battery
COM1	COM Port
DVI-A	Digital Video Interface **(Analog Output Only)**
FAN1 ~ FAN3	System/CPU Fan Headers (FAN1: CPU Fan)
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
JIPMB1	4-pin External I²C Header (for IPMI card)
JL1	Chassis Intrusion Header
JP1	4-pin Power Connector for HDD
JPCIE1 x16	CPU PCI-E 3.0 X16 Slot
JPI²C1	Power Supply SMBus I²C Header
JPW1	24-pin ATX Power Connector
JPW2	8-pin 12V DC 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
JSMB1	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

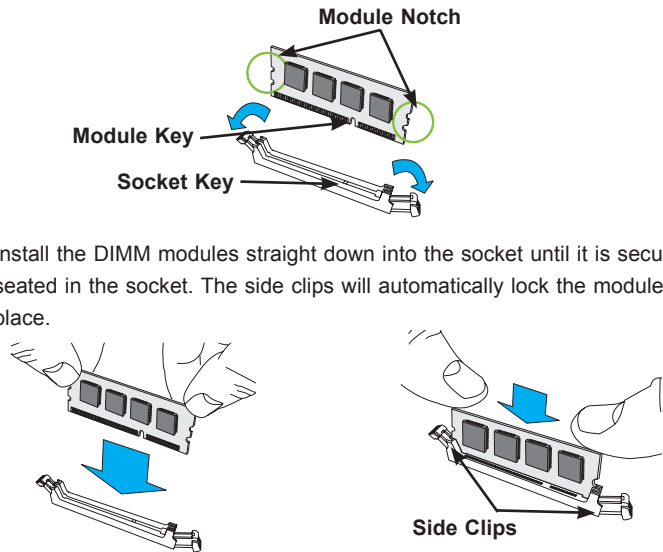| LED	Description	Status
LED1	BMC Heartbeat LED	Blinking Green: BMC Normal
LED2	Power LED	Solid Green: Power On

CPU Support

The X11SSV-M4F motherboard supports an Intel® E3-1500 v5 series processor in a BGA socket type.

Memory Support

The X11SSV-M4F motherboard supports up to 32 GB of DDR4 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.

Module Notch
Module Key
Socket Key

2. Install the DIMM modules straight down into the socket until it is securely seated in the socket. The side clips will automatically lock the module into place.

Side Clips

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

Back Panel I/O Connectors

#	Definition	#	Description
1	COM1	6	LAN2
2	USB2	7	LAN1
3	USB1	8	LAN4
4	USB4	9	LAN3
5	USB3	10	DVI-A