SUPERMICRO®
X11SSV-LVDS
Quick Reference Guide Rev. 1.00

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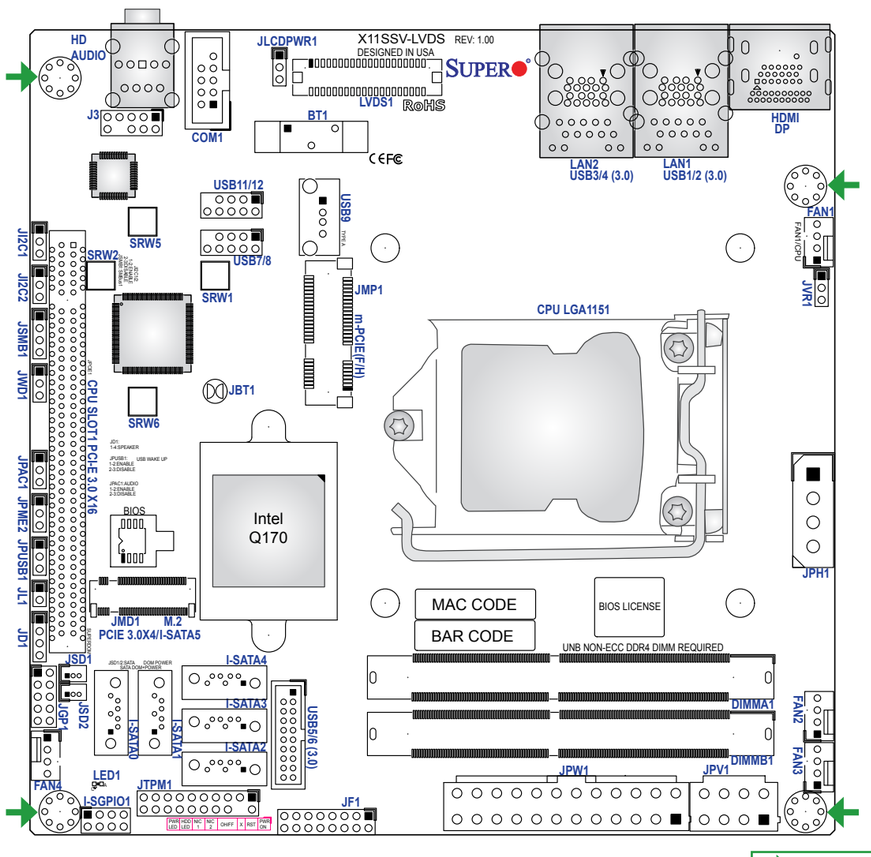
For your system to work properly, please download appropriate drivers/images/user's manual from the links below:
- Manuals: http://www.supermicro.com/support/manuals
- Drivers & Utilities: ftp://ftp.supermicro.com/CDR_Images/CDR-X11-UP/
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

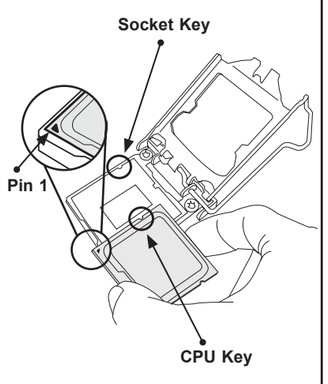
Package Contents
- One (1) Supermicro Motherboard
- Four (4) SATA Cables
- One (1) I/O Shield
- One (1) Quick Reference Guide

Motherboard Layout and Features

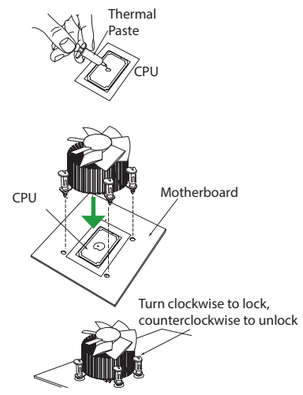


= mounting hole

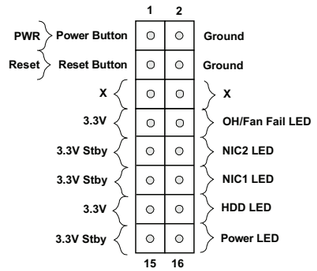
CPU Installation



Heatsink Installation



Front Control Panel (JF1)



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, Connectors, and LED Indicators

Jumpers

Jumper	Description	Default Setting
JBT1	CMOS Clear	Open (Normal)
JI²C1, JI²C2	SMB to PCI-E Slots Enable/Disable	Pins 2-3 (Disabled)
JLCDPWR1	LVDS Panel VCC Power Selection 3.3V/5V	Pins 1-2 (3.3V)
JPAC1	Audio Enable	Pins 1-2 (Enabled)
JPME2	Manufacturing Mode	Pins 1-2 (Normal)
JPUSB1	USB Wake Up	Pins 2-3 (Disabled)
JWD1	Watch Dog Enable	Pins 1-2 (Reset)

Connectors

Connector	Description
BT1	Onboard Battery
COM1	COM Port Header
FAN1 ~ FAN4	System/CPU Fan Headers (FAN1: CPU Fan)
HD Audio	Mic In and Line Out Ports
HDMI/DP	High Definition Multimedia Interface/DisplayPort
I-SATA0 ~ I-SATA4	Intel PCH SATA 3.0 Ports (I-SATA0 is Mux with mini-PCIE mSATA)
I-SGPIO1	Serial Link General Purpose I/O Header
J3	Front Panel Audio Header
JD1	Speaker Header (Pins: 1-4: Speaker)
JF1	Front Control Panel Header
JGP1	General Purpose I/O Header
JL1	Chassis Intrusion Header
JMD1	M.2 PCI-E 3.0 X4/I-SATA5 Slot
JMP1	mini-PCI-E Full/Half Slot with mSATA (Mux with I-SATA0)
JPH1	4-pin Power Connector for HDD (to provide power from the motherboard to external devices)
JPV1	8-pin 12V CPU Power Connector for CPU (Required) or alternative single power for special enclosure when the 24-pin ATX power is not in use
JPW1	24-pin ATX Power Connector
JSD1, JSD2	SATA DOM Power Connectors
JSMB1	System Management Bus Header
JTPM1	Trusted Platform Module/Port 80 Connector
JVR1	PWM SMB Programming (for debugging only)
LAN1, LAN2	Gigabit LAN (RJ45) Ports
LVDS1	LVDS Connector
SLOT1	CPU PCI-E 3.0 X16 Slot
SRW1, SRW2 SRW5, SRW6	mini-PCIE Holding Screws M.2 Holding Screws
USB1/2, USB3/4	Back panel USB 3.0 Ports
USB5/6	Front Access USB 3.0 Header
USB7/8, USB11/12	Front Access USB 2.0 Headers
USB9	USB Type A Header

LED Indicators

LED	Description	Status
LED1	Onboard Power LED	Solid Green: Power On

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

CPU Support

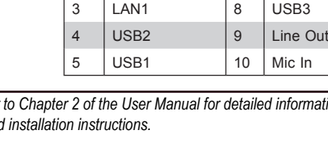
The X11SSV-LVDS motherboard supports an Intel® 6th Generation Core i3/i5/i7, Pentium, and Celeron series processor in an LGA1151 socket.

Memory Support

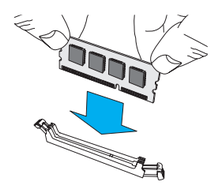
The X11SSV-LVDS motherboard supports up to 32 GB of DDR4 Non-ECC SO-DIMM.

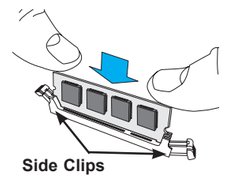
SO-DIMM Memory Installation

1. Insert SO-DIMM modules into slot DIMMA1 and then DIMMB1. 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.

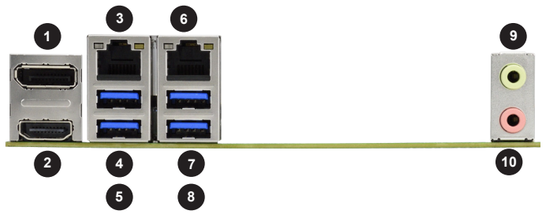


2. Install the SO-DIMM module straight down into the socket until it is securely seated in the socket. The side clips will automatically lock the module into place.





Back Panel I/O Connectors



1	DisplayPort	6	LAN2
2	HDMI	7	USB4
3	LAN1	8	USB3
4	USB2	9	Line Out
5	USB1	10	Mic In

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

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