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

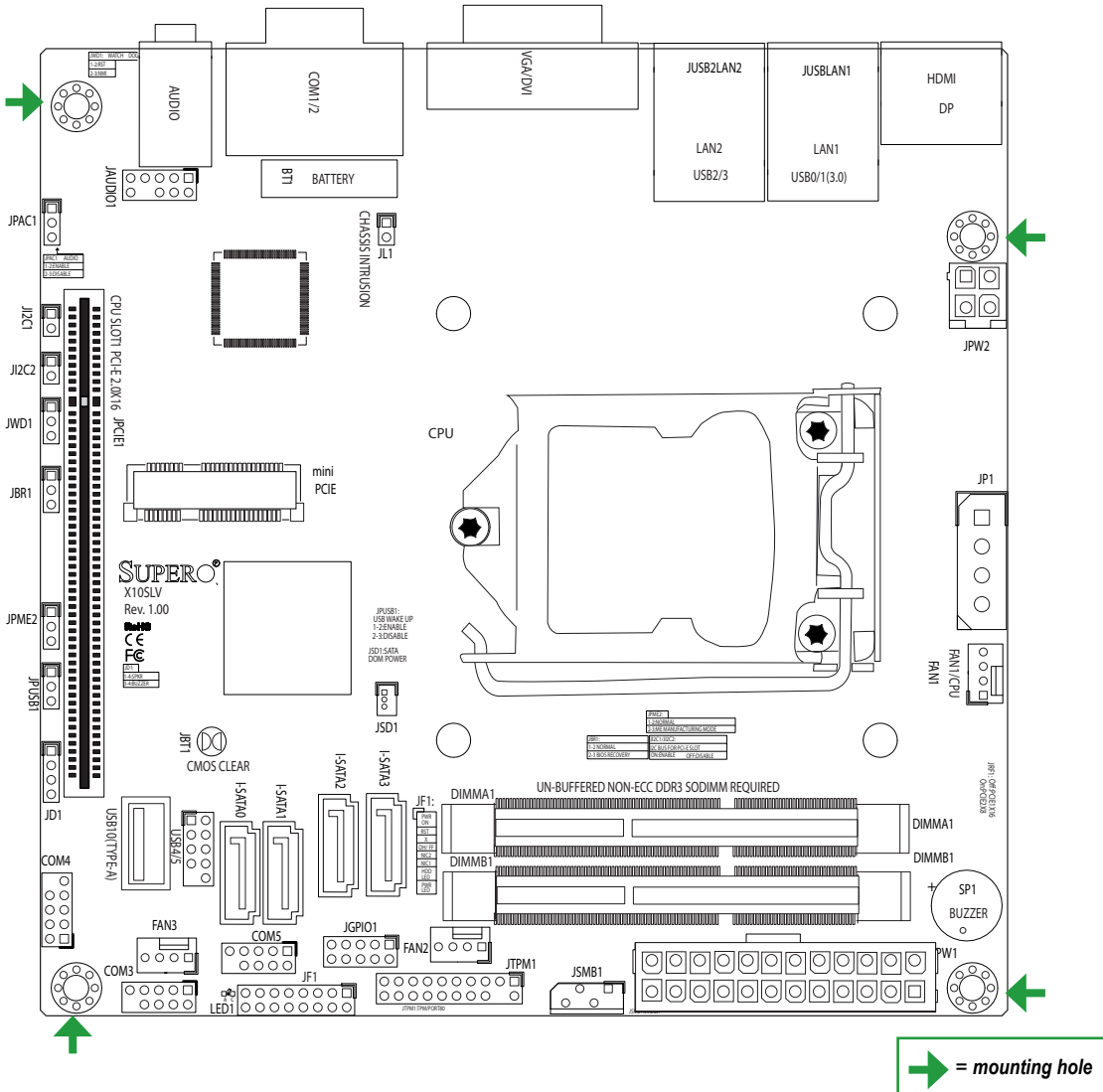
PACKAGE CONTENTS (Applies to an individual pack only)

- One (1) Supermicro Motherboard
- Four (4) SATA Cables
- One (1) I/O Shield
- One (1) 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



Jumpers, Connectors and LED Indicators

Jumpers

JBR1	BIOS Recovery	Pins 1-2 (Normal)
JBT1	CMOS Clear	Short contact pads to reset CMOS
J12C1/J12C2	SMB to PCIe Slots	Off (Disabled)
JPAC1	Audio Enable	Pins 1-2 (Enabled)
JPME2	Intel ME Manufacturing Mode Select	Pins 1-2 (Normal)
JWD1	Watch Dog Enable	Pins 1-2 (Reset)
JPUSB1	USB Wake-Up Enable/Disable	Pins 2-3 (Disabled)

Connectors

JAUDIO1	Front Panel Audio Header
AUDIO Ports	Audio Connectors (on the I/O back panel*) (X10SLV only)
Battery	Onboard Battery
COM1/COM2	COM1 and COM2 Ports (on the I/O back panel*)
COM3-COM5	COM3/COM4/COM5 Port Headers
FAN1-FAN3	System/CPU Fan Headers (Fan1: CPU Fan)
HDMI/DP	HDMI and DisplayPort (on the I/O back panel*)
JD1	Speaker/Buzzer (Pins 3-4: Buzzer, Pins 1-4: External Speaker)
JF1	Front Control Panel Header
JL1	Chassis Intrusion Header
JPW1	24-pin ATX Power Connector
JPW2	4-pin 12V DC power for CPU or Alternative single power source
JSD1	SATA DOM (Device_On_Module) Power Connector
JTPM1	Trusted Platform Module (TPM) Header
LAN1/LAN2	Gigabit (RJ45) Ports LAN1 and LAN2 (on the I/O back panel*)
SP1	Internal Speaker/Buzzer
I-SATA0-3	Serial ATA (SATA 3.0) Ports 0-1 (6Gb/sec), Ports 2-3 (3Gb/s)
mini PCIE	Mini PCIE Slot with mSATA support
Slot 1	PCI-Express 2.0 x16 Slot (3.0 Slot on X10SLV-Q)
JGPIO 1	Serial_Link General Purpose I/O Connection Header 1
USB 0/1, 2/3	Back Panel USB 3.0 Ports 0/1 and USB 2.0 Ports 2/3
USB 4/5	Front Panel USB Header for USB 2.0 Ports 4/5
USB 10	Internal Type A USB 2.0 Port 10
VGA/DVI-I	VGA and DVI-I Port (on the I/O back panel*)
JSMB1	System Management Bus (SMB) Header
JP1	4-pin Power Connector for HDD

*See Back Panel I/O Connectors, far right.

LED Indicators

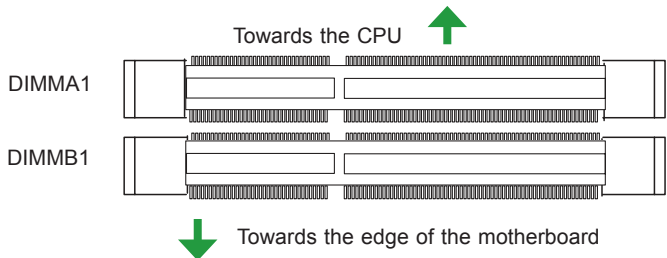
LED1	Onboard Standby PWR LED	Green: Solid on	Power On
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Memory Support

This motherboard supports up to 16 GB of DDR3 Non-ECC SODIMMs 1333/1600 MHz memory in 2 SODIMM slots.

Note: For memory optimization, use only DIMM modules that have been validated by Supermicro. For the latest memory updates, please refer to our website at <http://www.supermicro.com/products/motherboard>.

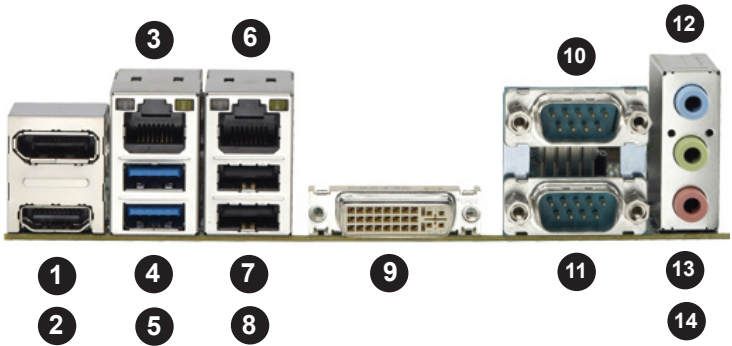
DIMM Memory Installation



Memory Population Guidelines

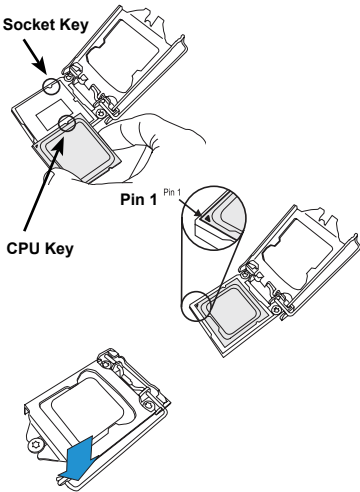
When installing memory modules, the DIMM slots should be populated in the following order: DIMMA1, DIMMB1

Back Panel I/O Connectors

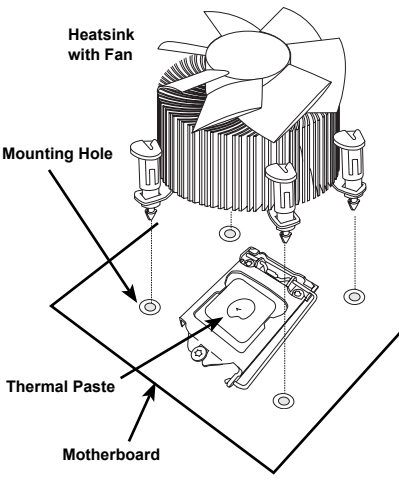


#	Description	#	Description	#	Description
1	DisplayPort	6	Gb LAN2 Port	11	COM 1
2	HDMI Port	7	USB 3 (2.0)	12	Line In (X10SLV only)
3	Gb LAN1 Port	8	USB 2 (2.0)	13	Line Out (X10SLV only)
4	USB 1 (3.0)	9	DVI-I Port	14	Mic In (X10SLV only)
5	USB 0 (3.0)	10	COM 2		

CPU Installation



Heatsink Installation



Front Panel Control (JF1)

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

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 2 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.