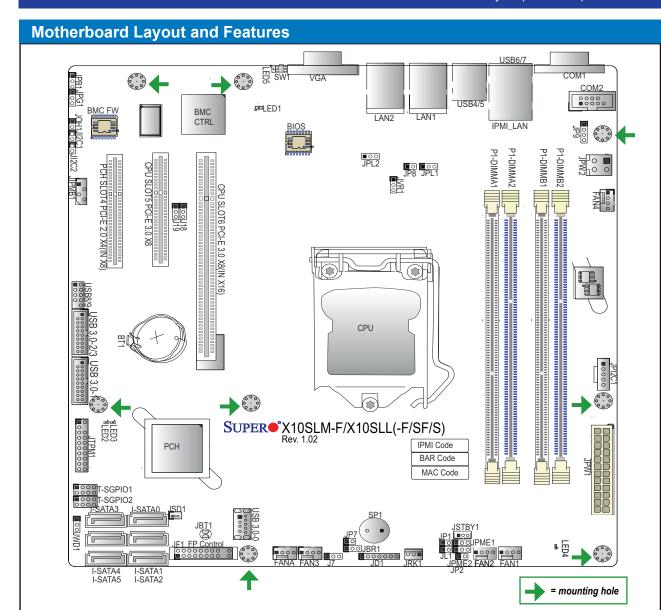
• Safety: http://www.supermicro.com/about/policies/safety_information.cfm

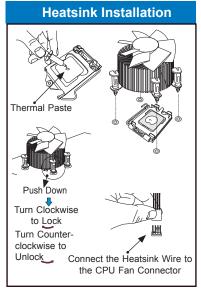
PACKAGE CONTENTS

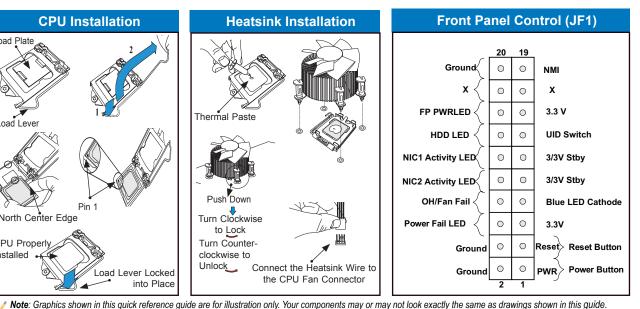
One (1) Supermicro MotherboardTwo (2) SATA Cables

One (1) I/O Shield



CPU Installation North Center Edge CPU Properly Installed ... Load Lever Locked into Place





Jumpers, Connectors and LED Indicators

Jumpers						
Jumper	Description	Default				
JI ² C1/JI ² C2	SMB to PCI Slots	On (Enabled)				
JPB1 (-F Models only)	BMC Enable	Pins 1-2 (Enabled)				
JBR1	BIOS Recovery	Pins 1-2 (Normal)				
JPG1	VGA Enable	Pins 1-2 (Enabled)				
JPL1/JPL2	LAN1/LAN2 Enable	Pins 1-2 (Enabled)				
JPME1	ME Recovery	Pins 1-2 (Normal)				
JPME2	Manufacturing Mode Select	Pins 1-2 (Normal)				
JWD1	Watch Dog Enable	Pins 1-2 (Reset)				

	Connectors		
Connector	Description		
BT1	Onboard Battery		
COM1/COM2	COM1/COM2 Port Headers		
Fan1-Fan4, FanA	System/CPU Fan Headers		
JD1	Speaker/Power LED Indicator		
JF1	Front Panel Control Header		
JL1	Chassis Intrusion Header		
JIPMB1	4-pin External BMC I ² C Header (for an IPMI Card)		
JPI ² C1	Power System Management Bus (Power SMB)		
JPW1	24-pin ATX Main Power Connector (Required)		
JPW2	+12V 4-pin CPU power Connector (Required)		
JSD1	SATA DOM (Device_On_Module) Power Connector		
JSTBY1	Wake-On-LAN Enable Header		
JTPM1	Trusted Platform Module/Port 80 Connector		
LAN1/LAN2	Gigabit (RJ45) Ports (LAN1/2)		
(IPMI_)LAN (for -F Models)	IPMI_Dedicated Gigabit (RJ45) Port		
SP1	Internal Speaker/Buzzer		
I-SATA0-I-SATA5	(Intel PCH) Serial ATA (SATA 3.0/2.0) Ports 0-5 (Ref. Model Table on F1-4)		
(CPU) Slot 6	PCI-Express 3.0 x8 in x16 Slot		
(CPU) Slot 5	PCI-Express 3.0 x8 Slot		
(PCH) Slot 4	PCI-Express 2.0 x4 in x8 Slot (X10SLM-F/x10SLL-F Only),		
T-SGPIO 1/2	Serial_Link General Purpose I/O Connection Headers 1/2		
USB 3.0-0 (USB0)	Front Accessible Vertical USB 3.0 Type A Header		
USB 3.0-2/3 (USB2/3)	Front Accessible USB 3.0 Header 2/3 (for X10SLM-F Only)		
USB 4/5, 6/7 (2.0)	Backpanel USB 2.0 Ports 4/5, 6/7 (USB 6/7: for X10SLM-F & X10SLL-F Only)		
USB 8/9	Front Panel Accessible USB 2.0 Headers 8/9		
VGA	Backpanel VGA Port		

LED Indicators						
LED	Description	Color/State	Status			
LED1	BMC Heartbeat LED	Green: Blinking	BMC Normal			
LED4	System Standby Power LED	Orange: Solid on	Power On			

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

Memory Support

The X10SLM-F_X10SLL-(F/SF/S) supports up to 32GB of Unbuffered ECC (UDIMM) DDR3 1600/1333 MHz in 4 memory slots.

/ Note: The X10SLL-S/-SF supports up to 16 GB of DDR3 memory in 2 DIMM modules.

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MNL-1428-QRG

ument whether in part or in whole is strictly prohibited without Supermicro's provided is deemed accurate at the time of printing; however, it is not guara

DIMM Memory Installation

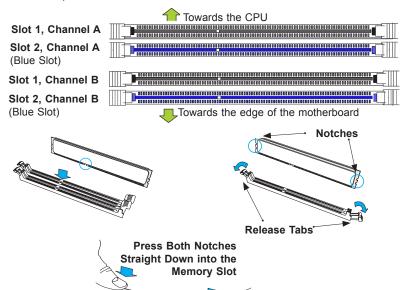
Memory Population Guidelines

Please follow the table below when populating the X10SLM-F_X10SLL-(F/SF/S).

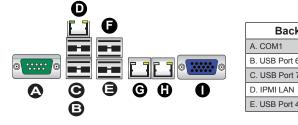
DDR3 Unbuffered ECC (UDIMM) Memory							
DIMM Slots per Channel	DIMMs Populat- ed per Channel	DIMM Type	POR Speeds	Ranks per DIMM (any combination)			
2	1	Unbuffered DDR3	1333, 1600	Single Rank, Dual Rank			
2	2	Unbuffered DDR3	1333, 1600	Single Rank, Dual Rank			

Populating these DIMM modules with a pair of memory modules of the same type and same size will result in interleaved memory, which will improve memory performance.

/ Note: Insert the desired number of DIMMs into the memory slots, starting with the blue slots first, i.e., DIMMB2, DIMMA2, then DIMMB1 and DIMMA1. See the illustration below for DIMM slot locations. For the system to work properly, please use the memory modules of the same type and speed in the same motherboard.



Back Panel I/O Connectors



Backplane I/O Panel F. USB Port 5 (2.0) B. USB Port 6 (2.0) G. LAN1 C. USB Port 7 (2.0) H. LAN2 D. IPMI LAN . VGA E. USB Port 4 (2.0)