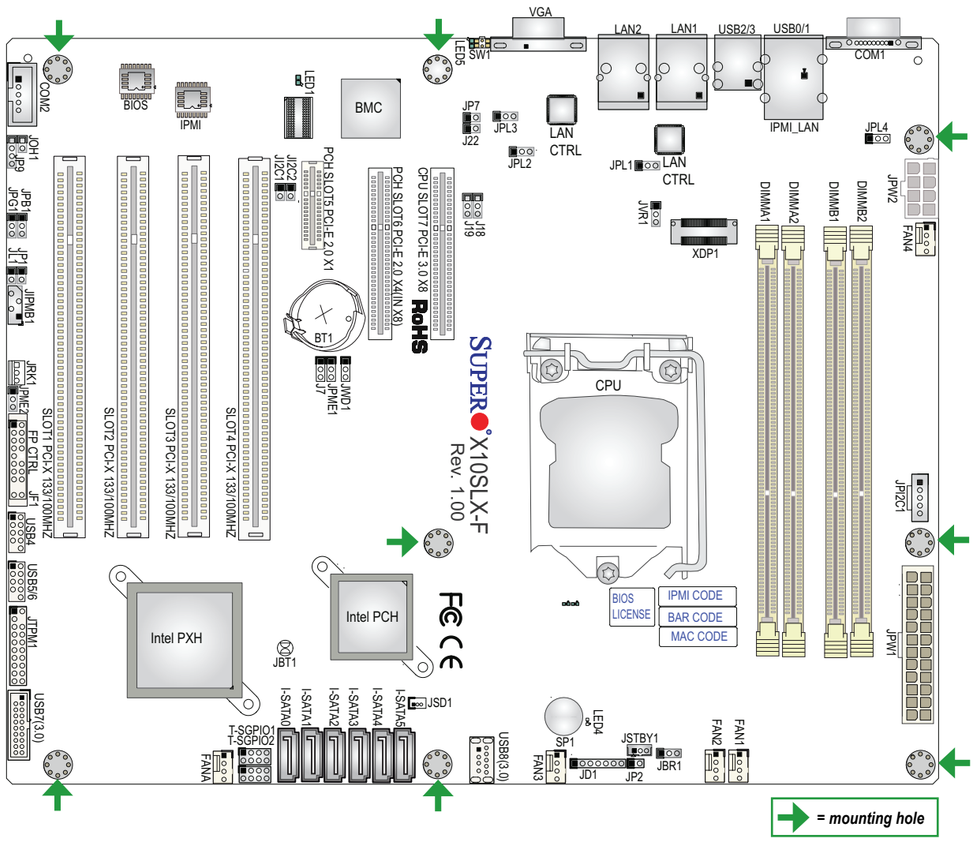
SUPERMICRO®
X10SLX-F
Quick Reference Guide 1.00

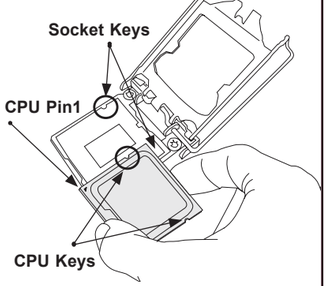
Contact Information
- www.supermicro.com (Email: support@supermicro.com)
- Manuals: http://www.supermicro.com/support/manuals
- Drivers & Utilities: ftp://ftp.supermicro.com
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

Package Contents
- One (1) Supermicro Motherboard
- Six (6) SATA Cables

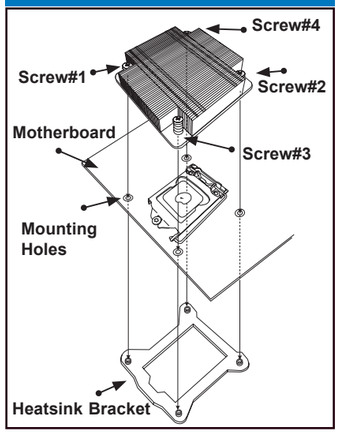
Motherboard Layout and Features



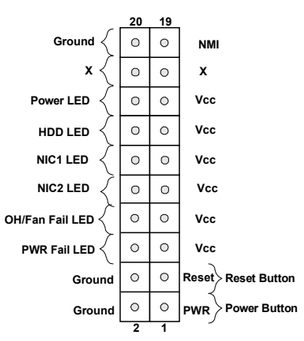
CPU Installation



Heatsink Installation



Front Panel Control (JF1)



Jumpers and Connectors

Jumpers

Jumper	Description	Default
JBT1	CMOS Clear	Open: Normal Operation Short: Clear CMOS
JBR1	BIOS Reset Enable	Pins 2-3 (Normal Operation)
JI²C1/JI²C2	SMB to PCI-E Slots	Pins 2-3 (Disabled)
JPG1	VGA Enable	Pins 1-2 (Enabled)
JPL1/JPL2	LAN1/LAN2 Enable	Pins 1-2 (Enabled)
JPME1	ME Recovery	Pins 1-2 (Normal)
JPME2	Manufacture Mode Select	Pins 1-2 (Normal)
JWD1	Watch Dog Enable	Pins 1-2 (Reset)

Connectors

Connector	Description
BT1	Onboard Battery
COM1/COM2	COM1 (Port)/COM2 (Header)
Fan1 - Fan4, FanA	System/CPU Fan Headers
JD1	Onboard Speaker/Power LED Indicator Header (Pins 4-7: Onboard Speaker)
JF1	Front Panel Control Header
JIPMB1	4-pin SMB (System Management Bus) I²C Header for an IPMI Card
JL1	Chassis Intrusion Header
JOH1	Overheat LED Indicator Header
JPI²C1	Power SMB (System Management Bus) I²C Header
JPW1	24-pin ATX Main Power Connector (Required)
JPW2	+12V 8-pin CPU power Connector (Required)
JSD1	SATA DOM (Device_On_Module) Power Connector
JSTBY1	Standby Power Header
JTPM1	Trusted Platform Module/Port 80 Connector
LAN1/LAN2	Gigabit (RJ45) Ports (LAN1/2)
IPMI_LAN	IPMI_Dedicated LAN
I-SATA0/I-SATA1	(Intel PCH) Serial ATA (SATA 3.0) Ports 0/1 (6Gb/sec)
I-SATA 2 - I-SATA5	(Intel PCH) Serial ATA (SATA 2.0) Ports 2~5 (3Gb/sec)
Slots 1-4	PCI-X 133/100 MHz Slots (Slots 1-4)
(PCH) Slot 5	PCI-Express 2.0 x1 Slot (Slot 5)
(PCH) Slot 6	PCI-Express 2.0 x4 in x8 Slot (Slot 6)
(CPU) Slot 7	PCI-Express 3.0 x8 Slot (Slot 7)
SP1	Internal Speaker/Buzzer
SW1	UID (Unit Identifier) Switch
T-SGPIO 1/2	Serial_Link General Purpose I/O Headers 1/2 for SATA Connections
USB 0/1, 2/3	Backpanel USB 2.0 Ports 0/1, 2/3
USB 7, 8 (3.0)	USB 3.0 Connection Headers 7, Type A 8
USB 4, 5/6	Front Accessible USB 2.0 Headers 4, 5/6
VGA	Backpanel VGA Port

LED Indicators

LED Indicators

LED	Description	Status
LED1	BMC Heartbeat LED	Green (Blinking): BMC Normal
LED4	Power Status LED	Yellow: Standby PWR Active
LED5	UID LED	Blue (On): Unit Identified

Memory Support

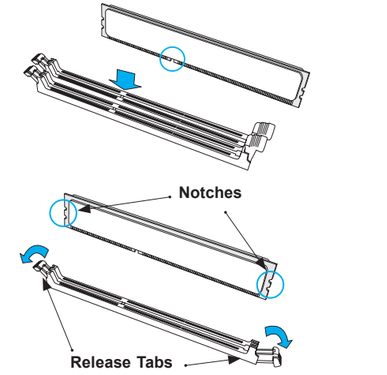
The X10SLX-F supports up to 32GB of Unbuffered (UDIMM) DDR3 ECC 1600/1333 MHz in 4 memory slots. Populating these DIMM modules with a pair of memory modules of the same type and same size will result in interleaved memory, which will improve memory performance.

Please follow the table below when populating the X10SLX-F.

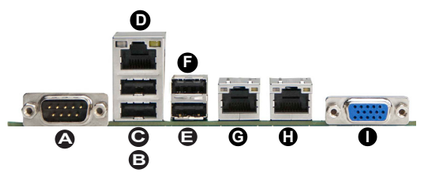
DDR3 Unbuffered ECC (UDIMM) Memory

DIMM Slots per Channel	DIMMs Populated 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

DIMM Memory Installation



Back Panel I/O Connectors



Backplane I/O Panel

A. COM1	F. USB 2.0 Port 3
B. USB 2.0 Port 0	G. LAN1
C. USB 2.0 Port 1	H. LAN2
D. IPMI_LAN	I. VGA
E. USB 2.0 Port 2	J. UID Switch/LED (LED is installed onboard directly)

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 1 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.

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