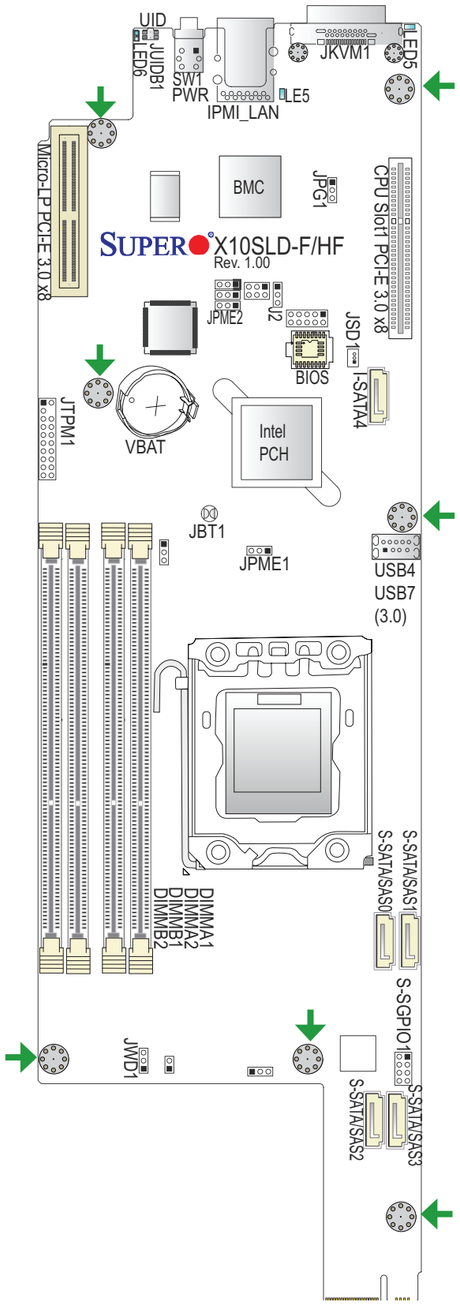
SUPERMICRO®
X10SLD-F/HF
Quick Reference Guide 1.0a

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
- One (1) Quick Reference Guide

Motherboard Layout and Features



Tools Needed:

Screwdriver

Phillips screws (7)

= mounting hole

***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
JBT1	CMOS Clear	(See Chpt. 2)
JPG1	VGA Enable	Pins 1-2 (Enabled)
JPME1	ME Recovery	Pins 1-2 (Normal)
JPME2	Manufacture Mode Select	Pins 1-2 (Normal)
JWD1	Watch Dog Timer Enable	Pins 1-2 (RST)

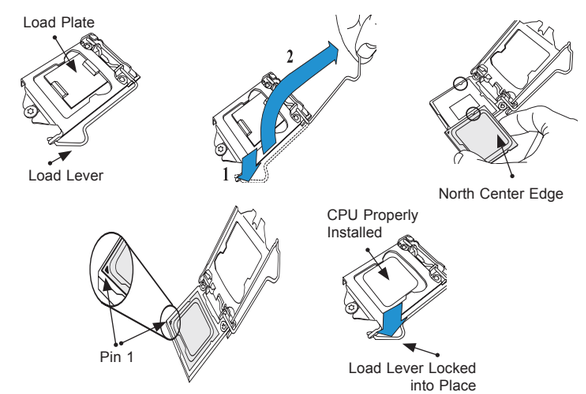
Connectors

Connector	Description
Battery (VBAT)	Onboard Battery
IPMI_LAN	IPMI_Dedicated LAN
JKVM1	USB 2.0 (x2)/VGA (Monitor)/COM Connector for Remote Console Redirection or Remote Network Interface
JSD1	SATA DOM (Device_On_Module) Power Connector
JTPM1	Trusted Platform Module/Port 80 Connector
Micro-LP PCI-E Slot	SMC-Proprietary Micro Low-Profile (LP) PCI-Express 3.0 x8 Slot
(CPU) Slot1 PCI-E Slot	PCI-Express 3.0 x8 Slot 1 supported by the CPU
I-SATA4	(Intel PCH) Serial_Link SATA Port4 (Internal SATA2 Connector for SATA DOM on X10SLD-F) (Internal SATA3 Connector for SATA DOM on X10SLD-HF)
(S-)SATA/SAS0-3	Serial_Link SATA/SAS Ports 0-3 (SATA3/SAS2 is only for add-on cards)
S-SGPIO1	Serial Link General Purpose Input/Output Header 1
SW1	Power Switch/LED Indicator
UID	Unit Identifier (UID) Button (JUIDB1)
USB4, USB7	Internal Type A USB 3.0
USB0 (3.0)	Internal Type A USB 3.0 Port 0

LED Indicators

LED	Description	Color/State	Status
LE5	BMC Heartbeat LED	Green: Blinking	BMC Functions Normally
LED5	Power Fail/Fan Fail/Overheat	Red: On	Power Fail, Fan Fail or Overheating
LED6	UID LED	Blue: On	Unit Identified

CPU Installation



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

Memory Support

The X10SLD-F/-HF supports up to 32GB of DDR3 Unbuffered (UDIMM) ECC 1600/1333/1066 MHz in four memory slots.

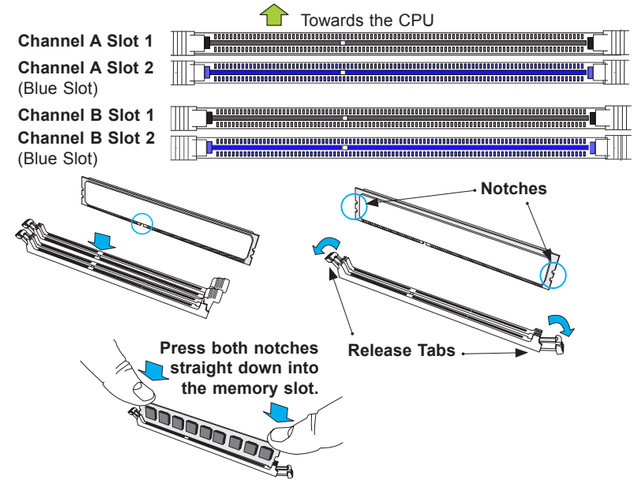
DIMM Memory Installation

Memory Population Guidelines

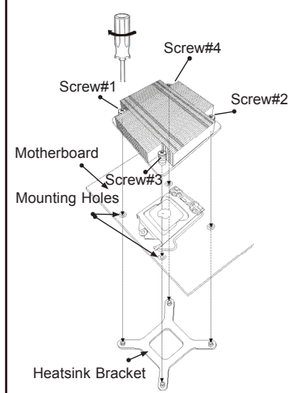
Please follow the table below when populating the X10SLD-F/HF.

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

Insert the desired number of DIMMs into the memory slots, starting with DIMMA2 (Channel A, Slot 2). For the system to work properly, please use the memory modules of the same type and speed in the same motherboard.

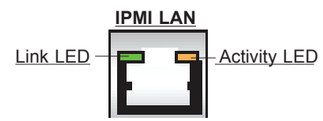


Heatsink Installation



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

IPMI LAN Port LED



IPMI LAN Link LED (Left) & Activity LED (Right)		
	Color/State	Definition
Link (Left)	Green: Solid	100 Mbps
	Amber: Solid	1000 Mbps
Activity (Right)	Yellow Blinking	Active

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