

CONTACT INFORMATION

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FOR YOUR SYSTEM TO WORK PROPERLY, PLEASE DOWNLOAD APPROPRIATE

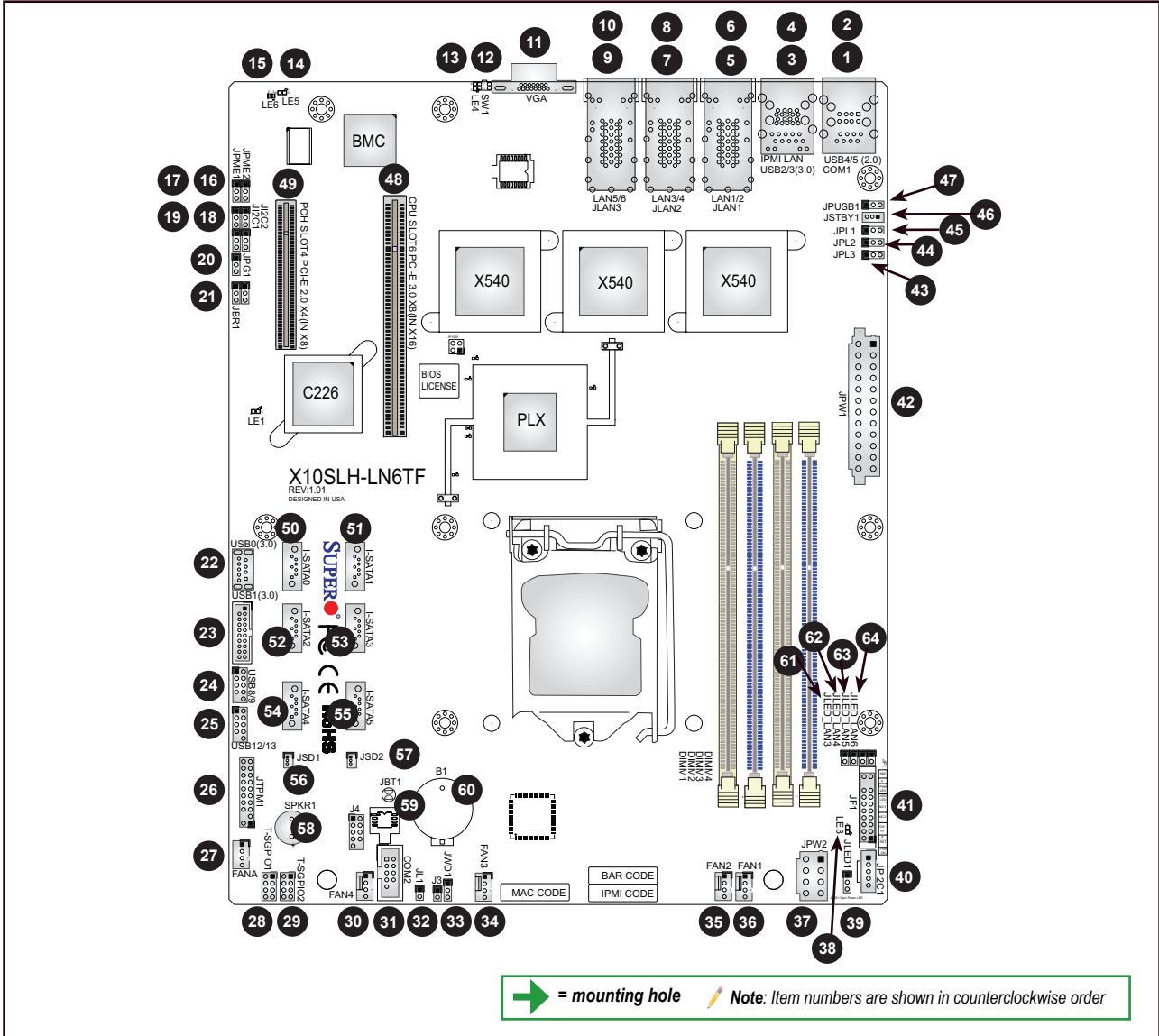
DRIVERS/IMAGES/USER'S MANUAL FROM THE LINKS BELOW:

- Manuals: <http://www.supermicro.com/support/manuals>
- Drivers & Utilities: ftp://ftp.supermicro.com/CDR_Images/CDR-X10-UP/
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

PACKAGE CONTENTS

- One (1) Supermicro Motherboard
- Six (6) SATA Cables
- One (1) I/O Shield
- One (1) Quick Reference Guide

Motherboard Layout and Features



Jumpers and Connectors

Jumpers			
Jumper	Item #	Description	Default
JBR1	21	BIOS Recovery	Pins 1-2 (Normal)
JBT1	59	CMOS Clear	Short: Clear CMOS, Open: Normal
J ² C1/J ² C2	19, 18	SMB to PCIE Slots	Off (Disabled)
JPG1	20	VGA Enable	Pins 1-2 (Enabled)
JPL1/JPL2/JPL3	45, 44, 43	LAN1/2, LAN3/4, LAN5/6 Enable	Pins 1-2 (Enabled)
JPME1	17	ME Recovery	Pins 1-2 (Normal)
JPME2	16	Manufacturing Mode	Pins 1-2 (Normal)
JPUSB1	47	USB4/5 Wake_Up Enable	Pins 1-2 (Enabled)
JWD1	33	Watch Dog Enable	Pins 1-2 (RST)

Connectors		
Connector	Item #	Description
Battery (B1)	60	Onboard Battery
COM1/COM2	1, 31	COM1/COM2 Port Headers
Fan1 - Fan4, FanA	36, 35, 34, 30, 27	System/CPU Fan Headers
IPMI LAN	4	IPMI Dedicated LAN
JF1	41	Front Panel Control Header
JLED1	32	Chassis Intrusion Header
JLED_LAN3 - JLED_LAN6	61, 62, 63, 64	LAN3 - LAN6 Activity LED
JPI ² C1	40	Power System Management Bus (Power SMB)
JPW1	42	24-pin ATX Main Power Connector (Required)
JPW2	37	+12V 8-pin CPU power Connector (Required)
JSD1/JSD2	56, 57	SATA DOM (Device_On_Module) Power Connectors
JSTBY1	46	Standby Power Header
JTPM1	26	Trusted Platform Module/Port 80 Connector
LAN1 - LAN6	5, 6, 7, 8, 9, 10	10 Gigabit (RJ45) Ports (LAN 1 - LAN 6)
SPKR1	58	Internal Speaker/Buzzer
I-SATA0 - I-SATA5 (SATA 3.0)	50, 51, 52, 53, 54, 55	(Intel PCH) Serial ATA (SATA 3.0) Ports 0-5 (6Gb/sec)
Slot 6 (CPU)	48	PCI-Express 3.0 x8 (in x16 Slot)
Slot 4 (PCH)	49	PCI-Express 2.0 x4 (in x8 Slot)
SW1	12	Unit Identifier (UID) Switch
T-SGPIO 1/2	28, 29	Serial_Link General Purpose I/O Connection Headers 1/2
USB 0 (3.0)/USB 1 (3.0)	22, 23	USB 3.0 Port 0/USB 3.0 Vertical Header 1
USB 2/3	3	Backpanel USB 3.0 Ports 2/3
USB 4/5	2	Backpanel USB 2.0 Ports 4/5
USB 8/9, USB 12/13	24, 25	Front Panel Accessible USB 2.0 Headers 8/9, 12/13
VGA	11	Backpanel VGA Port

LED Indicators

LED	Item #	Description	Color/State	Status
LE3	38	Onboard Standby PWR LED	Green: Solid on	Dual Power On
LE4	13	Unit Identifier (UID) LED	Blue: On	Unit Identified
LE5	14	BMC Heartbeat LED	Green Blinking	BMC Normal
LE6	15	System Sleep State LED	Red: S5, Green: S0	

Memory Support

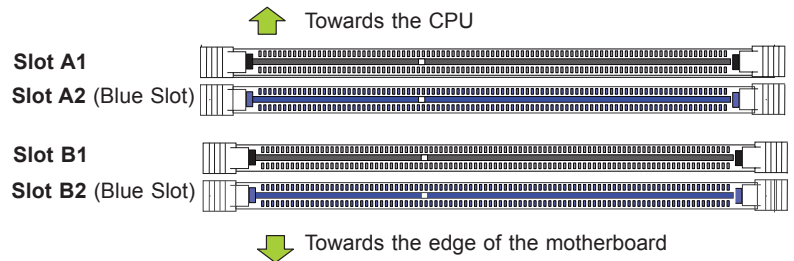
The X10SLH-LN6TF supports up to 32GB of Unbuffered (UDIMM) DDR3 ECC 1600/1333 MHz (1.35V/1.5V) memory in four slots.

DIMM Memory Installation

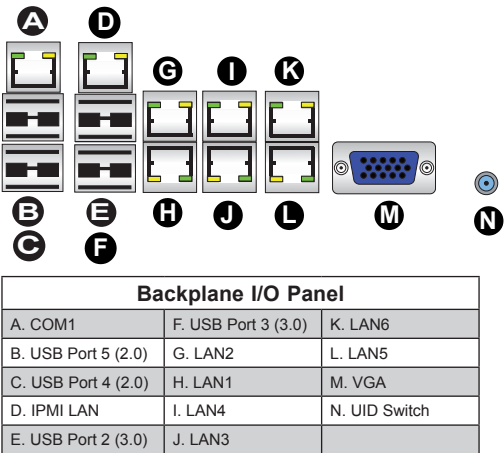
Memory Population Guidelines

When installing memory modules, the DIMM slots should be populated in the following order: DIMMA1, DIMMB1, then DIMMA2, DIMMB2.

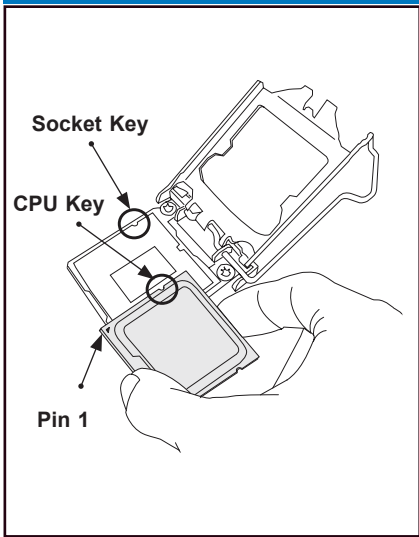
- Always use DDR3 DIMM modules of the same size, type and speed. Mixing of memory modules of different types and speeds is not allowed.
- For best memory performance, install DIMM modules in pairs.



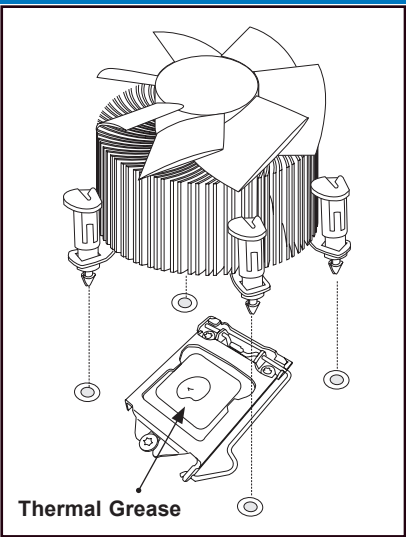
Back Panel I/O Connectors



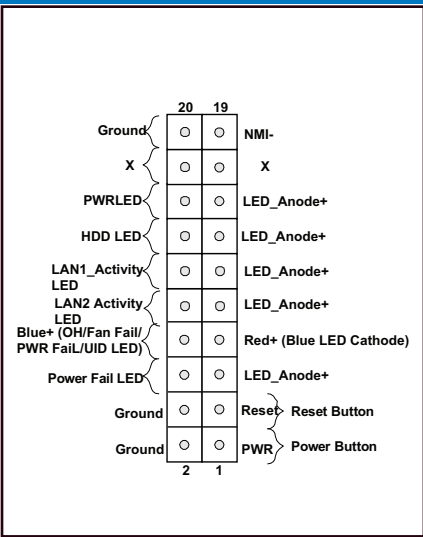
CPU Installation



Heatsink Installation



Front Panel Control (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.

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.