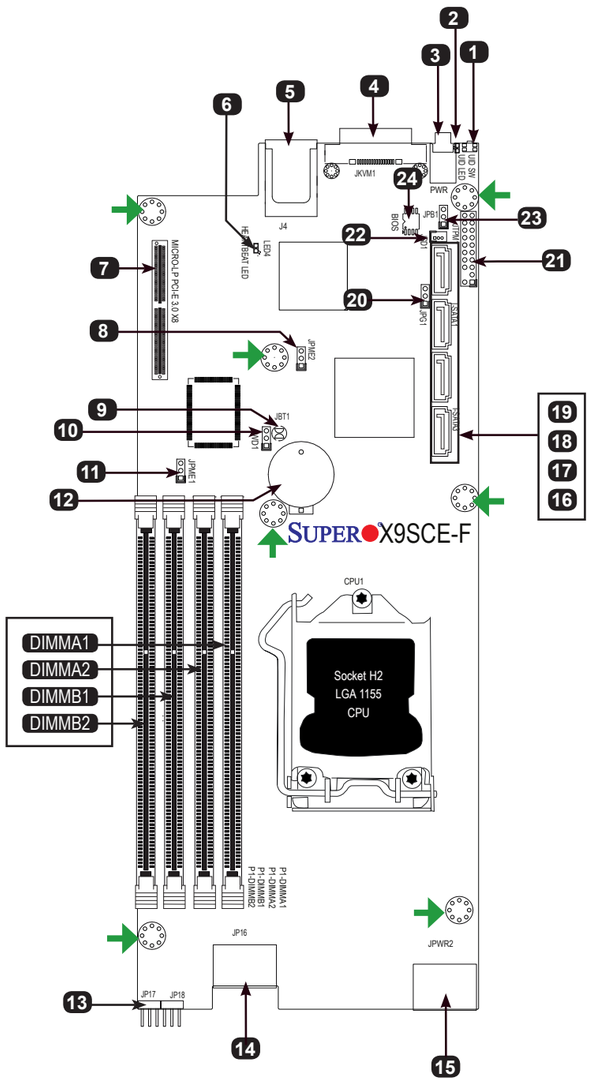
SUPERMICRO®
X9SCE-F
QUICK REFERENCE GUIDE Rev. 1.00

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 (Applies to individual pack only)
- One (1) Supermicro Motherboard
- One (1) Quick Reference Guide

Motherboard Layout and Features



***Notes**: 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.*

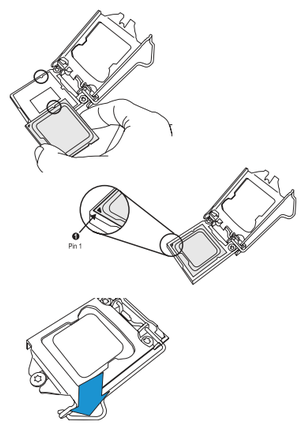
= mounting hole

Jumpers, Connectors and LED Indicators

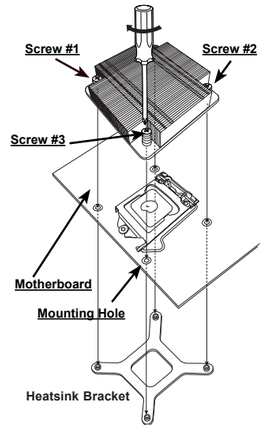
Jumpers			
1	UID SW	Unit ID (UID) Switch	Off (UID LED Off)
8	JPME2	ME Manufacturing Mode	Pins 1-2 (Normal)
9	JBT1	CMOS Reset	Short contact pads to reset CMOS
10	JWD1	Watch Dog Timer RST/NMI Selection	Pins 1-2 (Reset)
11	JPME1	ME Recovery Mode Select	Pins 1-2 (Normal)
20	JPG1	Onboard VGA Enable/Disable	Pins 1-2 (Enabled)
23	JPB1	BMC Enable/Disable	Pins 1-2 (Enabled)

Connectors & LED Indicators		
2	UID LED	Unit ID LED Indicator
3	PWR	Power Switch and PWR LED
4	JKVM1	Keyboard, Video, Mouse Backpanel Connector
5	IPMI	RJ45 IPMI Port
6	LED4	IPMI Status (Heartbeat)
7	MICRO-LP	PCI-E 3.0/2.0 x8 Micro LP Slot
12	BT1	On-board Battery
13	JP17,JP18	Motherboard Interface to PDB
14	JP16	Power output for Hard Disk Drive (12V and 5V)
15	JPWR2	Power Connector from PDB
16~19	I-SATA3,2,1,0	I-SATA Ports. I-SATA0/1 supports SATA 3.0 (6Gb/s)
21	JTPM	Trusted Platform Module (TPM) Header
22	JSD1	Disk-On-Module (DOM) Power Connector
24	BIOS	BIOS Chip

CPU Installation



Heatsink Installation

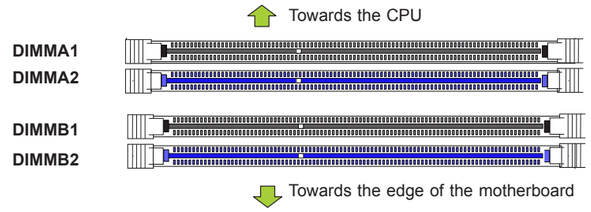


Memory Support

The X9SCE-F motherboard supports up to 32GB of unbuffered DDR3, ECC, VLP (Very Low Profile), 1600/1333 MHz DIMMs in 4 memory 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 a 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: DIMMA2, DIMMB2, DIMMA1, and DIMMB1.

- Always use DDR3 DIMM modules of the same size, type and speed.
- Mixed DIMM speeds can be installed. However, all DIMMs will run at the speed of the slowest DIMM.
- The motherboard will support one DIMM module or three DIMM modules installed. For best memory performance, install DIMM modules in pairs.

Recommended Population (Balanced)				
DIMMA2	DIMMB2	DIMMA1	DIMMB1	Total System Memory
2GB	2GB			4GB
2GB	2GB	2GB	2GB	8GB
4GB	4GB			8GB
4GB	4GB	4GB	4GB	16GB
8GB	8GB			16GB
8GB	8GB	8GB	8GB	32GB

***Note**: Due to memory allocation to system devices, the amount of memory that remains available for operational use will be reduced when 4 GB of RAM is used.*

Back Panel I/O Connectors

A. UID Button	C. KVM Port
B. Power Button	D. IPMI Port

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