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**FOR YOUR SYSTEM TO WORK PROPERLY, PLEASE DOWNLOAD APPROPRIATE**

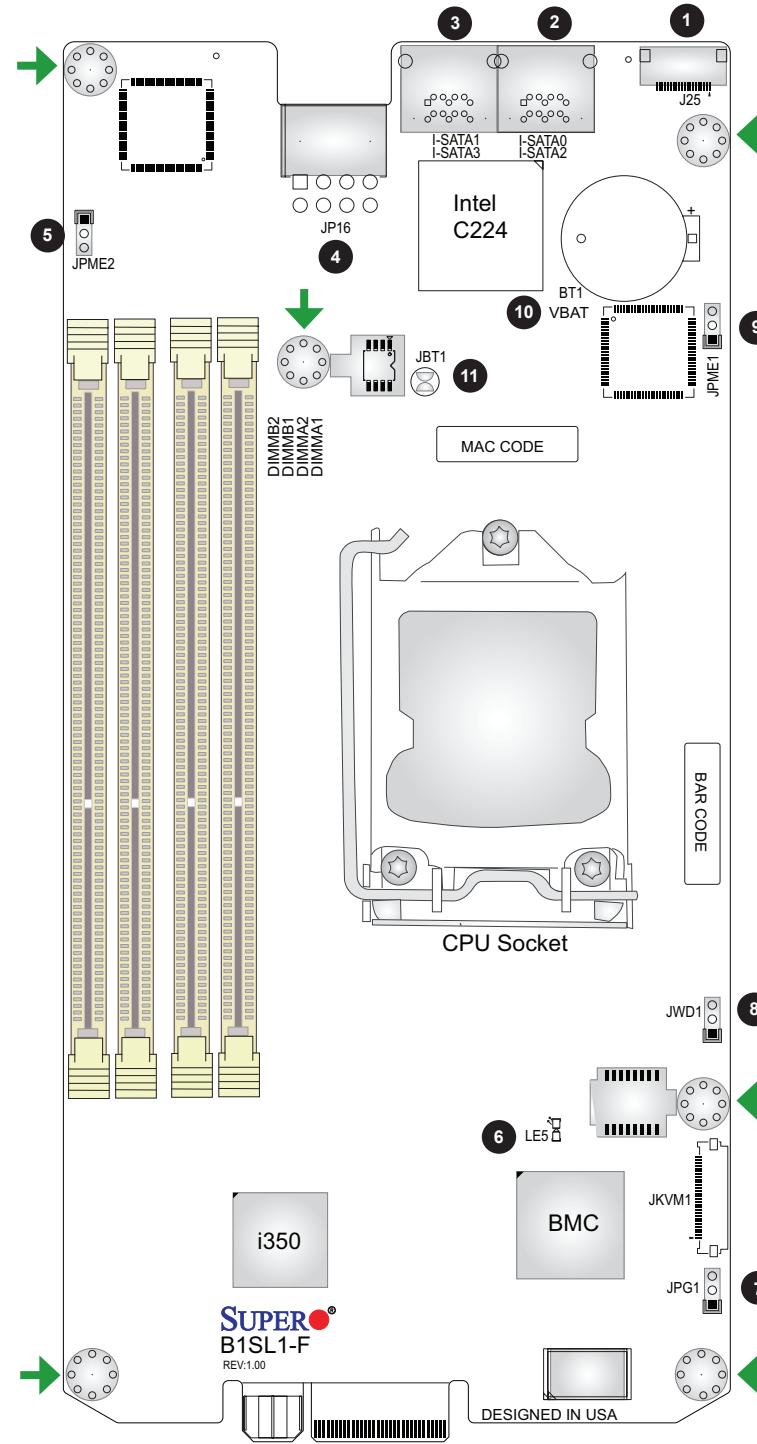
**DRIVERS/IMAGES/USER'S MANUAL FROM THE LINKS BELOW:**

- Manuals: <http://www.supermicro.com/support/manuals>
- Drivers & Utilities: [ftp://ftp.supermicro.com/CDR\\_Images/CDR-B1-UP/](http://ftp.supermicro.com/CDR_Images/CDR-B1-UP/)
- Safety: [http://www.supermicro.com/about/policies/safety\\_information.cfm](http://www.supermicro.com/about/policies/safety_information.cfm)

**PACKAGE CONTENTS**

- One (1) Supermicro Motherboard
- One (1) Quick Reference Guide

**Motherboard Layout and Features**



**Jumpers, Connectors and LED Indicators**

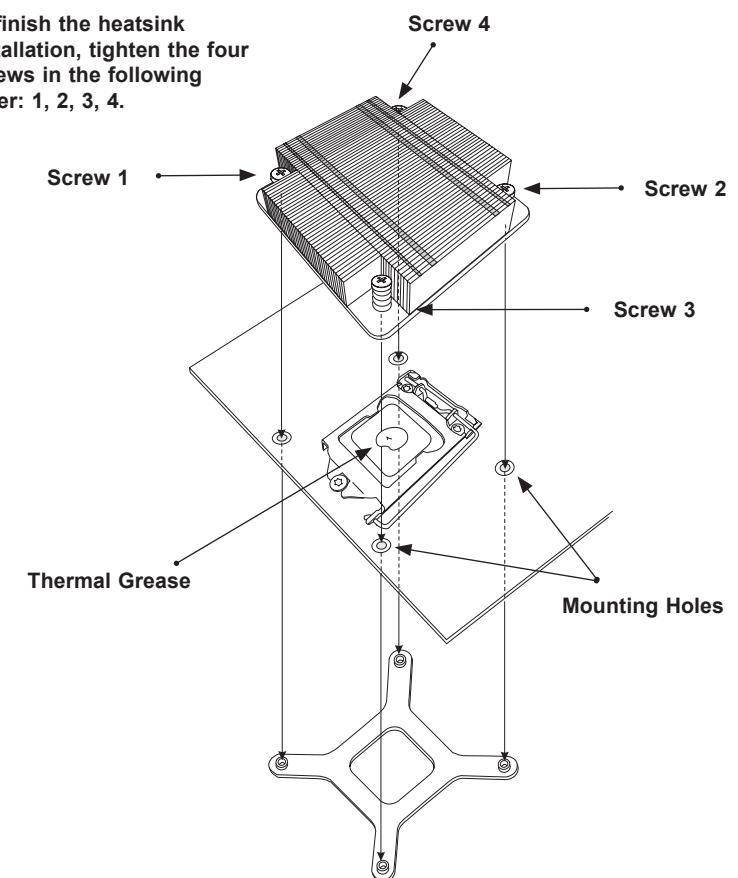
Jumpers			
Jumper	Item #	Description	Default
GBT1	11	CMOS Clear	Off (Normal)
JPG1	7	VGA Enable	Pins 1-2 (Enabled)
JPME1	9	ME Recovery Mode	Pins 1-2 (Normal)
JPME2	5	Manufacturer Mode Select	Pins 1-2 (Normal)
JWD1	8	Watch Dog Enable	Pins 1-2 (RST)

Connectors			
Connector	Item #	Description	
BT1	10	Onboard Battery	
J25	1	Front Control Board Connector	
JP16	4	Power Output for HDD	
I-SATA0 - I-SATA3	2, 3	Intel PCH Serial ATA Ports 0-3 (SATA 3.0, 6Gb/sec)	

LED Indicators				
LED	Item #	Description	Color/State	Status
LE5	6	BMC Heartbeat	Green: Blinking	BMC On/Normal

**Heatsink Installation**

To finish the heatsink installation, tighten the four screws in the following order: 1, 2, 3, 4.



**Memory Support**

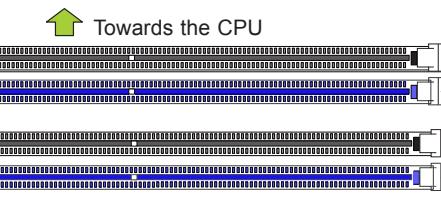
The B1SL1-F motherboard supports up to 32GB of DDR3 ECC VLP UDIMM 1600MHz in four memory slots.

**DIMM Memory Installation**

Please follow the table below when installing memory on the B1SL1-F.

Recommended Population (Balanced)				
DIMM A2	DIMM B2	DIMM A1	DIMM B1	Total System Memory
2GB DIMM	2GB DIMM			4GB
2GB DIMM	2GB DIMM	2GB DIMM	2GB DIMM	8GB
4GB DIMM	4GB DIMM			8GB
4GB DIMM	4GB DIMM	4GB DIMM	4GB DIMM	16GB
8GB DIMM	8GB DIMM			16GB
8GB DIMM	8GB DIMM	8GB DIMM	8GB DIMM	32GB

Insert the desired number of DIMMs into the memory slots, starting with DIMM A2, DIMM B2, then DIMM A1, DIMM B1. For the system to work properly, please use the memory modules of the same type and speed in the same motherboard.



**CPU Support**

The B1SL1-F motherboard supports an Intel® Xeon E3-1200 V3/V4, 4th Generation Core i3, Pentium, or Celeron processor in an LGA1150 H3 socket.

**CPU Installation**

