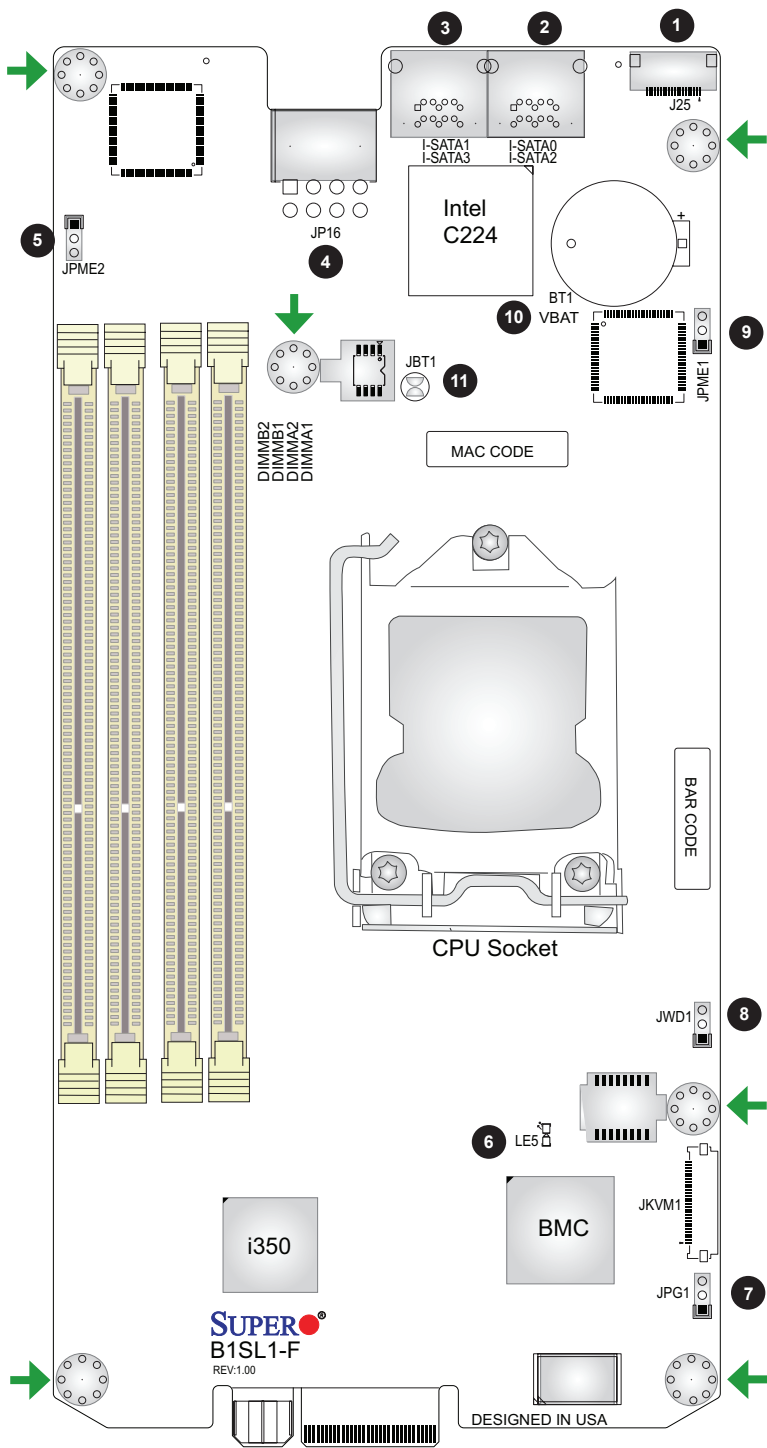


Motherboard Layout and Features



➔ = mounting hole    Note: Item numbers are shown in counterclockwise order

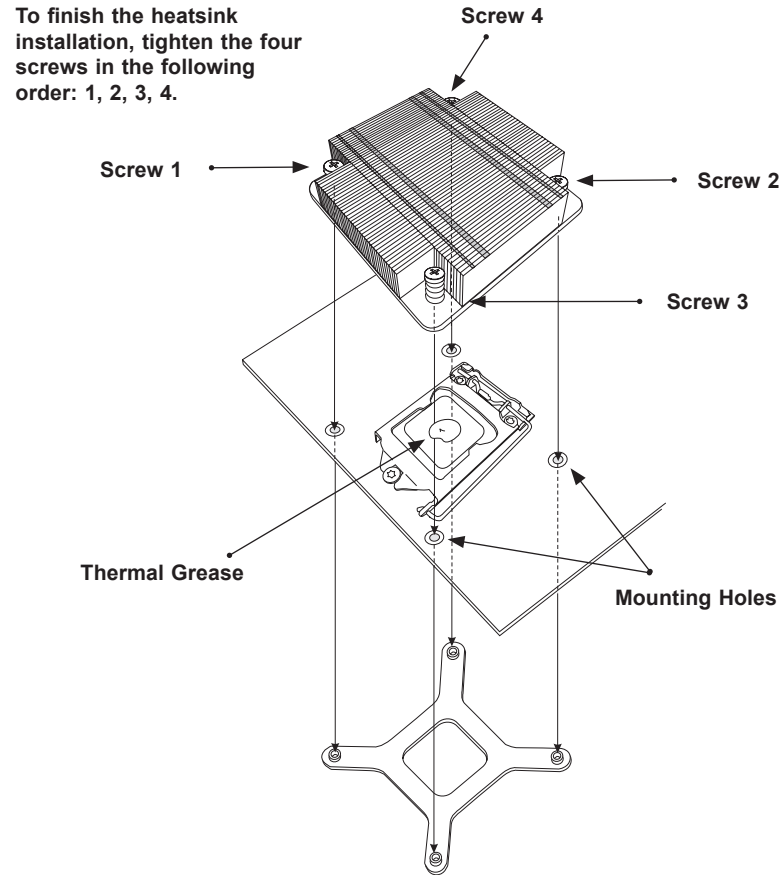
Jumpers, Connectors and LED Indicators

Jumpers			
Jumper	Item #	Description	Default
JBT1	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 Daog 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



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

Memory Support

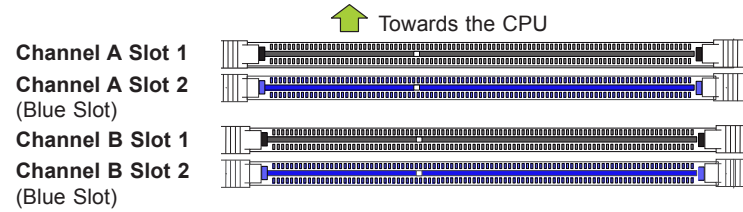
The B1SL1-F motherboard supports up to 32GB of DDR3 ECC VLP UDIMM 1600MHz in four memory slots.

DIMM Memory Installation

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

Recommended Population (Balanced)				
DIMMA2	DIMMB2	DIMMA1	DIMMB1	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

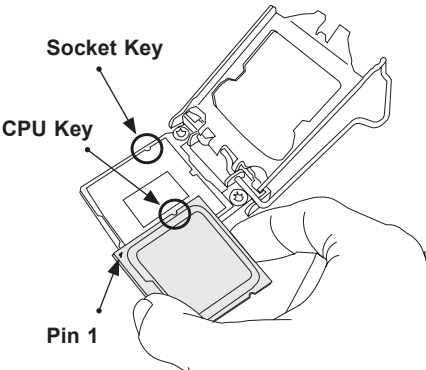
Insert the desired number of DIMMs into the memory slots, starting with DIMMA2, DIMMB2, then DIMMA1, DIMMB1. For the system to work properly, please use the memory modules of the same type and speed in the same motherboard.



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



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

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.