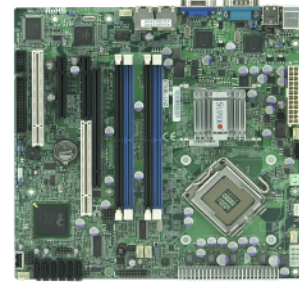


# SUPER<sup>®</sup> X7SBL-LN1/LN2 Serverboard Specifications

1. Quad-core/Dual-core Intel<sup>®</sup> Xeon<sup>®</sup> 3000 Series Processors
2. Intel 3200 chipset 1333/1066/800 MHz FSB
3. 8GB of Unb. ECC or non-ECC DDRII 667/800 SDRAM
4. 1 Universal slot: 1 PCI-E x8 or 1 PCI , 1 PCI-E x4 (using x8 slot) & 1 PCI
5. XGI Z95 32MB Graphics
6. Intel ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
7. Intel 82573L + 82573V (X7SBL-LN2 only) Gigabit Ethernet controllers
8. SIM1U socket for IPMI 2.0 server management



## Processor/Cache

Processor	Quad-core/Dual-core Intel <sup>®</sup> Xeon <sup>®</sup> 3000 Series
Cache	4MB / L2 cache
System Bus	1333/1066/800 MHz

## Chipset

Intel<sup>®</sup> 3200 chipset  
Intel ICH9R + Intel 82573L + 82573V (X7SBL-LN2 only)

## System Memory

Memory Capacity	Four DIMM sockets for up to 8 GB of Unb. ECC or non-ECC DDRII 667/800 memory (Memory must be populated in pairs)
Memory Type	DDRII 667/800 SDRAM 72-bit ECC, 240-pin gold-plated DIMMs
DIMM Sizes	2GB, 1GB, 512MB, 256MB
Memory Voltage	1.8V only
Error Detection	Corrects single-bit errors

## Integrated On-Board

SATA; RAID	Intel ICH9R for 6 SATA with host RAID 0, 1, 5, 10 support
LAN	Intel <sup>®</sup> 82573L + 82573V (X7SBL-LN2 only) Gigabit Ethernet controller
VGA	XGI Z95 32MB Graphics
Super I/O controller	Winbond <sup>®</sup> 83627HG chip

## Input/Output

PCI-X/PCI Express	1 Universal slot: 1 PCI-E x8 or 1 32-bit PCI 33MHz, 1 PCI-E x4 (using x8 slot) & 1 32-bit PCI 33MHz
SATA	Six ports
USB	Six USB 2.0-compliant ports ( two USB rear connectors, two internal headers)
Serial ports	Two serial ports (1 port & 1 header)
Floppy controller	1.44MB support
Keyboard/Mouse	Two PS/2 ports

## Serverboard Management

Hardware	Watch Dog, NMI, SIM1U 2.0 socket
Software	Super <b>●</b> Doctor III, IPMI 2.0
Thermal Control	4-pin PWM & 3-pin fan speed control & overheat LED indication
PC Health Monitoring	Monitors CPU voltages, +1.8V, +3.3V, +5V, +12V, -12V, VBAT & +5V standby and total of three 4-pin fan headers with tachometer monitoring on 3 fans, supports system management utility, chassis intrusion header
Other Features	ACPI power management, internal/external modem ring-on, WOR, WOL, control of power-on mode for recovery from AC power loss, STR, TM2 & CPU thermal trip support for processor protection
BIOS	16 Mb Flash ROM

## Mechanical

Recommended Chassis	1U
Serverboard Size	uATX 9.6" x 9.6"

August 28, 2007

For the most current product information, visit: [www.supermicro.com](http://www.supermicro.com)

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