

SUPER[®] X7SLM Specifications

Key Features:

1. Intel® 945GC Chipset
2. Up to 2 GB of Unb. non-ECC DDRII 667/533/400 SDRAM
3. Dual Realtek RTL8111C-GR Gigabit Ethernet controllers
4. SATA controller support 4 SATA
5. 1 PCI-express x8 & 1 32-bit PCI
6. Integrated Intel GMA 950 Graphics
7. 6 USB 2.0 Ports

Processor/Cache

Processor	Intel® Xeon 3000 sequence , Core 2 Quad/Duo in LGA 775
System Bus	800/533MHz

Chipset

Intel® 945GC
Realtek RTL8111C-GR + ICH7
Winbond 83627DHG chip

System Memory

Memory Capacity	Two DIMM sockets for up to 2 GB of Unb. DDRII SDRAM memory (Dual channel DDRII memory supported)
Memory Type	DDRII 667/533/400 SDRAM
DIMM Sizes	Supports 256Mb, 512Mb, 1GB
Memory Voltage	I/O Voltage of 1.8V

Integrated On-Board

LAN	Realtek RTL8111C-GR Gigabit Ethernet controller
VGA	Integrated Intel GMA 950 Graphics
IDE	Single EIDE Channel supports 2 ATA/100 drives

Expansion Slots

PCI Express/PCI	1 PCI-express x8 & 1 32-bit PCI
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Onboard I/O ports

SATA	Intel ICH7 SATA controller support 4 SATA (3 Gbps)
USB	6 x USB 2.0/1.1-compliant ports (2 rear + 2 headers- 4 ports)
LAN	2 x RJ45 port
VGA	1 x VGA port
Serial ports	1 x serial port & 1 header
Keyboard/Mouse	2 x PS/2 ports

Onboard I/O Connector

Floppy	1 x 24-pin connector
IDE	1 x ATA/100 EIDE channel for a total of two IDE devices backward compatible

Desktop Management

Hardware	Watch Dog, NMI, Chassis intrusion
Software	Super● Doctor III
Thermal Control	Overheat LED indication, thermal control tachometer fan connectors
PC Health Monitoring	Monitors CPU voltages, +1.8V, +3.3V, +5V, +/-12V, VBAT & +5V standby and total of three 4-pin fan headers with tachometer monitoring on 3 fans, supports system mangement utility, chassis intrusion header
Other Features	ACPI/APM power management, control of power-on mode for recovery from AC power loss, TM2 & CPU thermal trip support for processor protection
BIOS	Phoenix 8Mb SPI Flash ROM

Mechanical

Recommended Chassis	SC502, SC503, SC510 & SC512
Board Size	Micro ATX 9.6" x 9.6"

For the most current product information, visit: www.supermicro.com

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