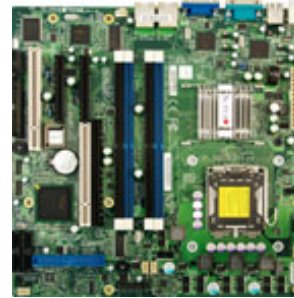


SUPER PDSML-LN2 Specifications

Key Features:

1. Intel® E7230 Chipset
2. Up to 8 GB of Unb. ECC/non-ECC DDRII 667/533/400 SDRAM
3. Dual Intel PCI-Express Gigabit Ethernet
4. Intel® ICH7R SATA controller support 4 SATA ports (RAID 0, 1, 5, 10)
5. 1 PCI-Express x8, 1 PCI-Express x4 (using x8 slot) & 2 32-bit PCI
6. XGI XG20 DDR graphic controller with DDR 16MB
7. 1U IPMI 2.0 slot
8. **Optimized for 1U form factor**



Processor/Cache

Processor	Intel® Pentium® D & Pentium® 4 Extreme 64-bit Edition processors, Pentium 4 & Celeron D in LGA 775 w/ dual core technology
System Bus	1066/800/533MHz

Chipset

Intel® E7230 (Mukilteo)
 . Intel 82573V + Intel 82573L + ICH7R
 . Winbond W83627HF chip

System Memory

Memory Capacity	Four DIMM sockets for up to 8 GB of Unb. ECC/non-ECC DDRII SDRAM memory (Dual channel DDRII memory supported)
Memory Type	DDRII 667/533/400 SDRAM
DIMM Sizes	Supports 256Mb, 512Mb, 1GB and 2GB
Memory Voltage	I/O Voltage of 1.8V

Integrated On-Board

LAN	Dual LAN with Intel 82573V & Intel 82573L PCI-Express Gigabit Ethernet
VGA	XGI XG20 graphics controller with DDR 16MB

SATA support

Intel® ICH7R SATA controller support 4 SATA ports with RAID 0, 1, 5, 10

Expansion Slots

PCI Express/PCI	1 PCI-Express x8 with CSE-RR1U-E8 or 1 PCI 33MHz with CSE-RR1U-32L for 1U chassis, 1 PCI-Express x4 (using x8 slot) & 1 32-bit PCI 33
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Onboard I/O ports

SATA	4 x SATA ports (3 Gbps)
USB	2 x USB 2.0/1.1-compliant ports
LAN	2 x RJ45 port
Serial ports	1 x serial port
Keyboard/Mouse	2 x PS/2 ports

Onboard I/O Connector

. 1 x ATA/100 EIDE channel for a total of two IDE devices backward compatible.
 . 2 x USB header support addition 4 USB 2.0/1.1
 . 1 x COM conn.

Desktop Management

Hardware	Watch Dog, Chassis intrusion, 1U IPMI 2.0 slot
Software	Super● Doctor III, IPMI 2.0
Thermal Control	Overheat LED indication, thermal control tachometer fan connectors, 4-pin PWM or 3-pin fan speed control
PC Health Monitoring	Monitors CPU voltages, +1.8V, +3.3V, +5V, +12V, -12V, VBAT & +5V standby and total of six 4-pin fan headers with tachometer monitoring on 6 fans, supports system management utility, chassis intrusion header
Other Features	ACPI internal/external modem ring-on, WOL, control of power-on mode for recovery from AC power loss, & CPU thermal trip support for processor protection
BIOS	Phoenix 8Mb Flash ROM

Mechanical

Recommended Chassis	SC512F-260, SC811T-300, SC813MFT-300C, SC513F-260 & SC733T-450
Serverboard Size	Optimized for 1U form factor