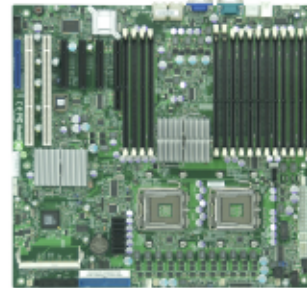


1. Quad-core Intel® Xeon® 5400 / 5300 / 5200 / 5100 Sequence supported
2. Intel 5400 (Seaburg) chipset 1600/1333/1066MHz FSB
3. 128GB of ECC Fully-Buffered DIMM (FBD) DDRII 800/667/533 MHz SDRAM
4. 1 UIO slot (support SMC UIO cards)
 - 3 PCI-E x8 (2 w/ Gen 2.0), 1 PCI-E x4, 2 PCI-X 133MHz
5. ATI ES1000 32MB Graphics
6. Intel ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 10
7. Dual Port Intel 82575 Gigabit Ethernet controllers (w/ IOAT support)
8. SIMSO 2.0 slot for IPMI 2.0 server management



Processor/Cache

Processor	Quad-core Intel® Xeon® 5400 / 5300 / 5200 / 5100 Sequence
Cache	12M/L2 cache
System Bus	1600/1333/1066MHz

Chipset

Intel® 5400 (Seaburg) chipset
MCH + Intel ESB2 + Intel 82575

System Memory

Memory Capacity	Sixteen DIMM sockets for up to 128 GB of fully-buffered DIMM (FBD) DDRII 800/667/533 memory (Memory must be populated in pairs)
Memory Type	Fully-Buffered DIMM (FBD) DDRII 800/667/533 SDRAM 72-bit ECC, 240-pin gold-plated DIMMs
DIMM Sizes	8GB, 4GB, 2GB, 1GB, 512MB
Memory Voltage	1.8V, 1.5V
Error Detection	Corrects single-bit errors, detects double-bit errors (using ECC memory), and supports Intel® Single Device Data Correction (SDDC)

Integrated On-Board

SATA; RAID	Intel ESB2 for 6 SATA with host RAID 0, 1, 10 support
LAN	Dual LAN with Intel® 82575 Gigabit Ethernet controller (w/ IOAT support)
Graphics	ATI ES1000 32MB Graphics
IDE	Single EIDE channel, supports UDMA Mode 5, PIO Mode 4, ATA/100
Super I/O controller	Winbond® 83627HF chip

Input/Output

PCI-X/PCI Express	1 UIO slot (support SMC UIO cards), 3 PCI-E x8(2 w/ Gen 2.0), 1 PCI-E x4, 2 PCI-X 133MHz
SATA	Six ports
USB	Five USB 2.0-compliant ports (two USB rear connectors, three internal header)
IDE	ATA/100 EIDE channels for a total of two IDE devices backward compatible/ Compact flash card support
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, SIMSO 2.0 slot
Software	Super ●Doctor III, IPMI 2.0
Thermal Control	4-pin PWM & 3-pin fan speed control & overheat LED indication
PC Health Monitoring	Monitors CPU voltages, +3.3V, +5V, +12V, -12V & +5V standby and total of 8-fan status, supports system mangement utility, chassis intrusion header
Other Features	ACPI power management, internal/external modem ring-on, WOL, control of power-on mode for recovery from AC power loss, SDDC, TM2 & CPU thermal trip support for processor protection
BIOS	Phoenix 8 Mb Flash ROM

Mechanical

Recommended Chassis	2U, 3U, 4U/Tower
Serverboard Size	Ext. ATX 13.05" x 13.68"