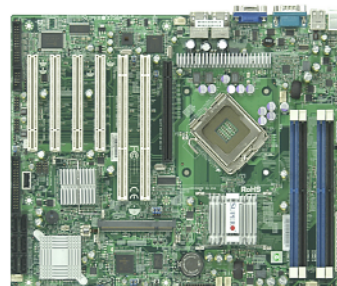


1. Quad-core/Dual-core Intel[®] Xeon[®] 3000 Series Processors
2. Intel 3210 chipset 1333/1066/800 MHz FSB
3. 8GB of Unb. ECC or non-ECC DDRII 667/800 SDRAM
4. 1 PCI-E x8 (using x16 slot), 2 PCI-X 133 & 4x 32-bit PCI
5. XGI Z95 32 Graphics
6. Intel ICH9R for 6 SATA (3 Gbps)
7. Intel 82566 + 82573V Gigabit Ethernet controllers
8. SIMSO socket for IPMI 2.0 server management



Processor/Cache

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

Chipset

Intel[®] 3210 chipset
PHX + Intel ICH9R + Intel 82573V/L

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	Intel ICH9R for 6 SATA
LAN	Intel [®] 82573V/L Gigabit Ethernet controller
VGA	XGI Z95 32MB Graphics
Super I/O controller	Winbond [®] 83627HF chip

Input/Output

PCI-X/PCI Express	1 PCI-E x8 (using x16 slot), 2 PCI-X 133MHz, 4x 32-bit PCI
SATA	Six ports
USB	Eight USB 2.0-compliant ports (two rear connectors, 2 on-board, 2 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, SIMSO 2.0 socket
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, +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 mangement 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	2U
Serverboard Size	ATX 12" x 9.6"