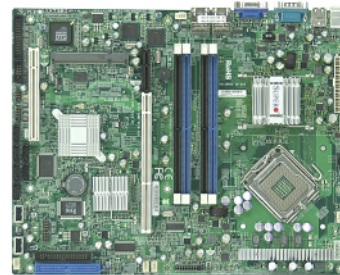


1. Quad-core/Dual-core Intel® Xeon® 3000 Sequence supported
2. Intel 3210 chipset 1333/1066/800 MHz FSB
3. 8GB of Unb. ECC or non-ECC DDRII 667/800 SDRAM
4. 1 Universal PCI-E x8, 1 PCI-X 133 & 1 32-bit PCI
5. ATI ES1000 32MB Graphics
6. Intel ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
7. Intel 82573 V/L Gigabit Ethernet controllers
8. SIMSO socket for IPMI 2.0 server management



Processor/Cache

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

Chipset

Intel® 3210 chipset
PHX + Intel ICH9R + Intel 82573 V/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; RAID | Intel ICH9R for 6 SATA with host RAID 0, 1, 5, 10 support |
| LAN | Intel® 82573 V/L Gigabit Ethernet controller |
| VGA | ATI ES1000 32MB Graphics |
| Super I/O controller | Winbond® 83627HF chip |

Input/Output

| | |
|-------------------|---|
| PCI-X/PCI Express | 1 Universal PCI-E x8, 1 PCI-X 133MHz, 1 PCI |
| SATA | Six ports |
| USB | Eight USB 2.0-compliant ports (two USB rear connectors, four internal headers + 2 on-board connectors) |
| 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 | 8 Mb Flash ROM |

Mechanical

| | |
|---------------------|----------------|
| Recommended Chassis | 1U |
| Serverboard Size | ATX 12" x 9.6" |