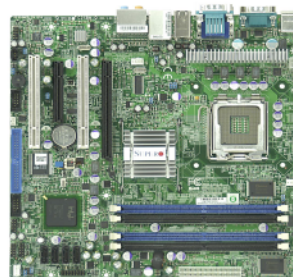


1. Quad-core/Dual-core Intel® Core 2 Sequence Processors
2. Intel Q35 chipset 1333/1066/800 MHz FSB
3. 8GB of Unb. non-ECC DDRII 667/800 SDRAM
4. 1 PCI-E x16, 1 PCI-E x4 (using x8 slot) & 2x 32-bit PCI
5. Realtek ALC 883 HD 7.1 Audio
6. Intel ICH9DO for 4 SATA (3 Gbps)
7. Intel 82566DM Gigabit Ethernet controllers
8. 4 COM ports (Two DSB9 and 2 headers)
9. 12 USB 2.0 ports (6 rear ports + 3 internal headers)



Processor/Cache

Processor	Quad-core/Dual-core Intel® Core 2 Sequence
Cache	4MB / L2 cache
System Bus	1333/1066/800 MHz

Chipset

Intel® Q35 chipset
Intel® ICH9DO + Intel® 82566DM

System Memory

Memory Capacity	Four DIMM sockets for up to 8 GB of Unb. non-ECC DDRII 667/800 memory (Memory must be populated in pairs)
Memory Type	DDRII 667/800 SDRAM , 240-pin gold-plated DIMMs
DIMM Sizes	2GB, 1GB, 512MB, 256MB
Memory Voltage	1.8V only

Integrated On-Board

SATA	Intel® ICH9DO for 4 SATA
LAN	Intel® 82566DM Gigabit Ethernet controller
Audio	RealTek ALC883 HD 7.1 Audio
VGA	Built In
Super I/O controller	Winbond® 83627DHG chip

Input/Output

PCI-X/PCI Express	1 PCI-E x16, 1 PCI-E x4(using x8 slot), 2x 32-bit PCI
SATA	Four ports
USB	12x USB 2.0-compliant ports (Six USB rear connectors, three internal headers)
Serial ports	Four serial ports (2 ports & 2 headers)
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	Pedestal
Serverboard Size	uATX 9.6" x 9.6"