

Products

E7505 Master-LS2
MS-9121

Product Specifications

Special Features

- PC Alert III/4 (Server Edition)



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CPU

- Supports Single/Dual Intel® Xeon® processors with 512K L2 cache
- Supports up to 1.8~2.8GHz

Chipset

Intel® E7505 Chipset

- Supports 100MHz/133MHz system clock.
- Intel® NetBurst micro-architecture supports 400MHz/533MHz system bus.
- System bus bandwidth of 3.2GB/s & 4.27GB/s.
- Supports DDR266/200 memory.
- Supports AGP 8x/4x.

Intel® ICH4 Chipset

- Hi-Speed USB (USB2.0) controller, 480Mb/sec.
- 2 channel Ultra ATA 100 bus Master IDE controller.
- PCI Master 2.2.
- I/O APIC.
- AC'97 2.2 interface.
- 3 UHCI Host controllers and 1 EHCI Host controller.

Intel® P64H2 Chipset

- Supports 64-bit PCI-X slots at 100MHz..
- Connects directly to the MCH and provides a dedicated path for high performance I/O.

Main Memory

- Supports eight memory banks using four 184-pin DDR DIMMs.
- Supports up to 8GB PC2100/PC1600 DDR SDRAMs.
- Supports 2.5v DDR SDRAM.

Slots



- 1 x 8X AGP Pro (50 Watts) slot.
- 1 x 64bit/100MHz PCI-X slot with support for Zero Channel RAID (PCI-X3).
- 3 x 64bit/100MHz PCI-X slots.
- 1 x 32bit/33MHz PCI slot.
- 1 x mini PCI slot.
- PCI 2.2, PCI-X, and AGP 3.0 compliant.

On-Board IDE

- An IDE controller on the ICH4 chipset provides IDE HDD/CD-ROM with PIO, Bus Master and Ultra DMA100/66/33 operation modes.
- Can connect up to four IDE devices.

Onboard SCSI

Relevant Links	
	BIOS
	Driver
	Manual
	Software
	CPU Support
	Award

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- Integrated LSI 53C1030 Ultra320 SCSI controller.
- Supports dual channels.

• **Onboard LAN**

- Integrated Broadcom® BCM5703CKHB Gigabit Ethernet controller.
- 64bit/100MHz PCI-X bus interface.

• **Onboard Audio**

- AC'97 audio codec integrated in ICH4 south bridge.
- ADI 1885 software audio codec.
- 3 audio jacks (Line-In, Line-Out, Mic-In) onboard.

• **Video Add-In Card (Optional)**

- ATI Rage® XL video controller with 8MB memory.
- Mini PCI interface.

• **IEEE 1394 Add-In Card (Optional)**

- TI TSB43AB22 1394a Link Layer Controller.
- Mini PCI interface.

• **On-Board Peripherals**

- On-Board Peripherals include:
 - 1 floppy port supports 2 FDDs with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes
 - 2 x serial ports (COM A + COM B)
 - 1 x parallel port supports SPP/EPP/ECP mode
 - 1 x RJ-45 LAN port
 - 2 x SCSI connectors
 - 2 x IEEE 1394 ports (Rear x 1/Front x 1) provided by add-in card (Optional)
 - 4 x USB 2.0 ports (Rear x 2/Front x 2)

• **BIOS**

- The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.
- The mainboard provides a Desktop Management Interface (DMI) function which records your mainboard specifications.

• **Dimension**

Extended ATX Form Factor: 12" x 13"
Compliant with SSI EEB 3.0.

• **Mounting**

9 mounting holes.