



Thunder i7500

S2720



ADAPTEC RAID READY

Utilizing the Intel® E7500 chipset, the Thunder i7500 provides leading-edge performance for today's high-throughput servers. Supporting up to two Intel® Xeon™ processors and 12GB of fast DDR memory, the Thunder i7500 also features two fully independent PCI-X buses for maximum

I/O bandwidth. In addition, the Thunder i7500 features dual-channel SCSI with zero-channel RAID support, Gigabit Ethernet and Fast Ethernet LAN connectivity, and ATI® graphics. This platform is compatible with EPS12V power supplies and SSI EEB v3.0 server chassis'.

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Processor

- Dual PGA603 ZIF sockets
- Supports two Intel® Xeon™ processors with 512KB L2 cache
- Onboard VRM (VRM 9.1 spec)
- Front-Side Bus support for 400MHz

Chipset

- Intel® E7500 server chipset
- MCH + ICH3 + P64H2 + FWH
- P64H2 supports two PCI-X buses
- Winbond® W83627HF Super I/O ASIC

Memory

- Six 184-pin 2.5v DDR DIMM sockets
- Supports up to 12GB of Registered PC2100/PC1600 memory; dual-channel memory bus
- Supports 72-bit ECC memory

Expansion Slots *

- Two 64-bit 133/100/66MHz (3.3-volt) PCI-X slots
- Two 64-bit 66/33MHz (3.3-volt) PCI-X slots
- One 32-bit 33MHz (5-volt) PCI slot
- Total of five usable slots

Integrated I/O

- One floppy connector supports up to two drives
- Two 9-pin 16550-based serial ports
- One 25-pin SPP/ECP/EPP parallel port
- Two USB 1.1 ports
- PS/2 keyboard and mouse ports

Integrated PCI IDE

- Dual-channel master mode
- Supports up to four Enhanced IDE devices
- Support for ATA-100/66/33 IDE and ATAPI devices

Integrated LAN

- Gigabit Ethernet and Fast Ethernet connectivity
- Two LAN controllers
 - one Intel® 82544GC 10/100/1000 controller
 - one Intel® 82550 10/100 controller
- Gigabit NIC connected to the 66MHz PCI-X bus

* For details regarding bus speed resource allocation and maximum bus slot frequencies, consult the Thunder i7500 documentation.

Integrated SCSI (manufacturing option)

- Adaptec® AIC-7899W controller
- Dual-channel Ultra160 SCSI performance
- 160MB/sec maximum data throughput per channel
- Connects to 66MHz PCI-X bus for maximum throughput
- Supports up to 15 LVD SCSI devices per channel
- Supports Adaptec/Intel Zero-Channel RAID (ZCR)

Integrated 2D/3D Graphics

- ATI® RAGE™ XL graphics controller
- 8MB frame buffer



Server Management (Daughtercard option)

- Supports the Intelligent Platform Management Interface (IPMI)
- Q-Logic® Zircon Baseboard Management Controller (BMC)
- I²C and IPMB

Hardware Monitoring

- Winbond® W83782D hardware monitoring ASIC
- CPU temperature/voltage monitoring
- 3-pin fan monitoring headers
- 2-pin chassis intrusion header
- 3-pin Wake-on-Modem (WoM) header

BIOS

- AMI® BIOS on 4/8Mbit Flash ROM
- User settings for hardware monitoring
- Auto-configuration of IDE hard drive types
- Multiple boot options

Form Factor

- SSI EEB v3.0 footprint (12" x 13")
- EPS12V power connector
- Stacked parallel (one), serial (one) and VGA (one) ports
- Stacked USB (two) ports
- Side-by-side LAN (two) ports
- Stacked keyboard and mouse ports

Regulatory

- FCC DoC (Declaration of Conformity) certified
- European CE (Declaration of Conformity) certified



Specifications are subject to change without notice. Item pictured may only be representative.



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