

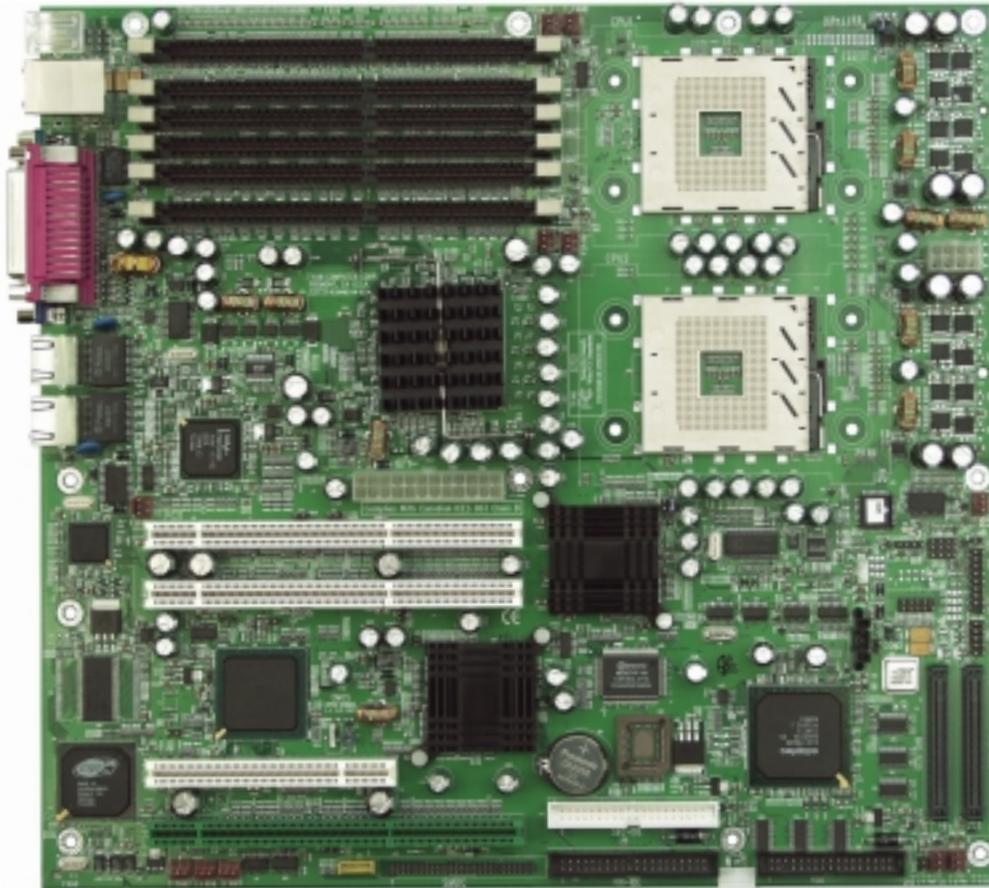


TYAN

Innovative Internet Platforms

Thunder i7500 Pro

S2721



ADAPTEC RAID READY

Utilizing the Intel® E7500 chipset, and featuring three independent PCI buses, the Thunder i7500 Pro provides maximum performance for today's server applications. Supporting two Intel® Xeon™ processors with 512KB L2 cache and high-speed DDR RAM, the Thunder i7500 Pro utilizes two

P64H2 hubs that support four independent PCI-X channels. The Thunder i7500 Pro also features three network ports, including dual Gigabit Ethernet ports. These features, combined with optional Adaptec Ultra320 SCSI, and integrated ATI graphics make this platform the perfect server solution.

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Processor

- Dual mPGA603 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 (2) + FWH
- Dual P64H2's support **FOUR** 133MHz 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; ECC support

Expansion Slots *

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

Integrated I/O

- One floppy connector supports up to two drives
- Two 9-pin 16550-based serial ports (one via optional cable)
- 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 and ATAPI-compliant devices

Integrated LAN

- Fast Ethernet and **dual** Gigabit Ethernet on-board
- Two LAN controllers
 - one Intel® 82546EB 10/100/1000 dual-port contr.
 - one Intel® 82551QM 10/100 controller
- Intel® 82546EB connected to the PCI-X bus
- 3-pin Wake-on-LAN (WoL) header

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

Integrated SCSI (manufacturing option)

- Adaptec® AIC-7902W controller
- Dual-channel Ultra320 SCSI support
- Connects to PCI-X bus for maximum throughput
- 320MB/sec maximum data throughput per channel
- Supports Adaptec® Zero-Channel RAID technology
- Supports Intel® Zero-Channel RAID technology



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
- Three 3-pin fan headers that are monitored and controlled, three 3-pin fan headers that are monitored, plus five additional 3-pin fan headers (not mntr/ctrl) - 11 total fan headers
- 2-pin chassis intrusion header

BIOS

- AMI® BIOS on 4Mbit 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) and LAN (one) 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.



Worldwide Headquarters
Tyan Computer Corporation
3288 Laurelview Court
Fremont, CA 94538 USA
Tel: 510.651.8868
Fax: 510.651.7688

Tyan Japan - Tokyo
Tel: 81-03-3253-0703

European Headquarters
Tyan Computer GmbH
Cyclostr. 45
85229 Markt Indersdorf, Germany
Tel: 49 (0) 8136-9395-30
Fax: 49 (0) 8136-9395-44

Tyan China - Beijing
Tel: 86-10-8288-4256

Asia-Pacific Headquarters
Tyan Computer Taiwan
7th Floor, No 187 / Tiding Blvd, Sec 2, Nei-Hu
Taipei, Taiwan, R.O.C.
Tel: +886-2-8751-2200
Fax: +886-2-8751-2211

For more information on Tyan products, visit our corporate web site at www.tyan.com.