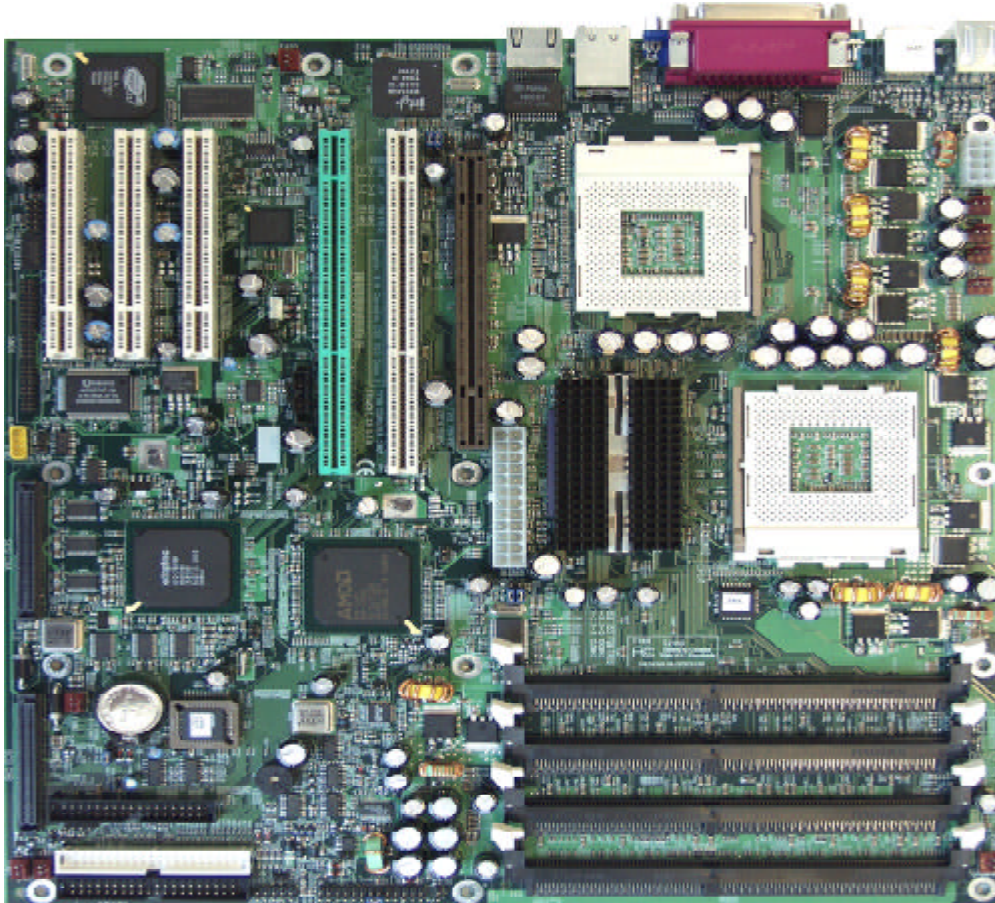




Thunder K7X Pro

S2469



Tyan's Thunder K7X Pro includes many of the features found on the Thunder K7X, plus a few updated features. Designed around the AMD-760™ MPX chipset, it supports two Athlon™ MP processors, and features a "convergence design" - a layout that includes features ideal for both servers and

workstations. The Thunder K7X Pro also features an AGP Pro110 slot, two 64/66 PCI slots, optional Adaptec® dual-channel Ultra160 SCSI support, Gigabit and Fast Ethernet, ATX12V/EPS12V universal power, and more. It also features angled memory sockets, ideal for rack-optimized servers.

www.tyan.com

Processor

- Dual PGA462 ZIF sockets
- Supports up to two AMD® Athlon™ MP processors
- Two onboard VRMs
- System bus support for 200MHz and 266MHz

Chipset

- AMD-760™ MPX chipset
- AMD-762™ north bridge and AMD-768™ south bridge
- Winbond® W83627HF Super I/O ASIC

Memory

- Four 2.5v 184-pin DDR DIMM sockets
- 25-degree angled sockets enable rackmount installation
- Supports up to 4GB* of PC2100 Registered DDR RAM
- Supports ECC (72-bit) memory modules

* Note: The AMD-760 MPX requires memory to be reserved for PCI devices. Allocation is dependent on the number of PCI devices installed, and option ROM for each device. Common configurations will see 3.5GB to 3.8GB of available memory.

Expansion Slots

- One AGP Pro110 slot; also supports 4x/2x AGP
- Two 64-bit 66MHz (3.3-volt) and three 32-bit 33MHz (5-volt) PCI slots
- Total of six usable slots

Integrated I/O

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

Integrated PCI IDE

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

Integrated Video

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

Integrated SCSI (manufacturing option)

- Adaptec® AIC-7899W or AIC-7902W dual-channel contr.
- Ultra160 SCSI support, 160MB/sec throughput per chnl.
- Supports up to 15 LVD SCSI devices per channel
- Channel A and Channel B - 68-pin connectors
- Zero-Channel RAID (ZCR) support optional

Integrated LAN

- Fast Ethernet and Gigabit Ethernet controllers
 - Intel® 82545EM 10/100/1000Mbps controller
 - Intel® 82551QM 10/100Mbps controller

Server Management (Daughtercard option)

- Tyan-defined 50-pin header connects to Server Management Daughtercard (SMDC), which supports the Intelligent Platform Management Interface (IPMI)
- Q-Logic® Zircon Baseboard Management Controller (BMC)
- Support for IPMI, SDR, SEL, FRU
- I²C and IPMB

Hardware Monitoring

- Winbond® W83782D hardware monitoring ASIC
- 3-pin fan monitoring headers
- CPU temperature and voltage monitoring

BIOS

- Phoenix® BIOS on 4Mb Flash ROM
- Supports APM v1.2 and ACPI v1.0
- User settings for hardware monitoring
- Auto-configuration of IDE hard drive types
- Multiple boot options
- DMI 2.0 compliant

Form Factor

- Extended ATX footprint (13" x 12", 330.2mm x 304.8mm)
- ATX12V/EPS12V* universal power connector suite
- Stacked parallel (one), serial (one) and VGA (one) ports
- Stacked USB (two) ports
- Side-by-side LAN (two) ports
- Stacked keyboard and mouse ports

* For heavy loading such as AGP Pro or multiple drive RAID systems EPS12V is recommended

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.

