

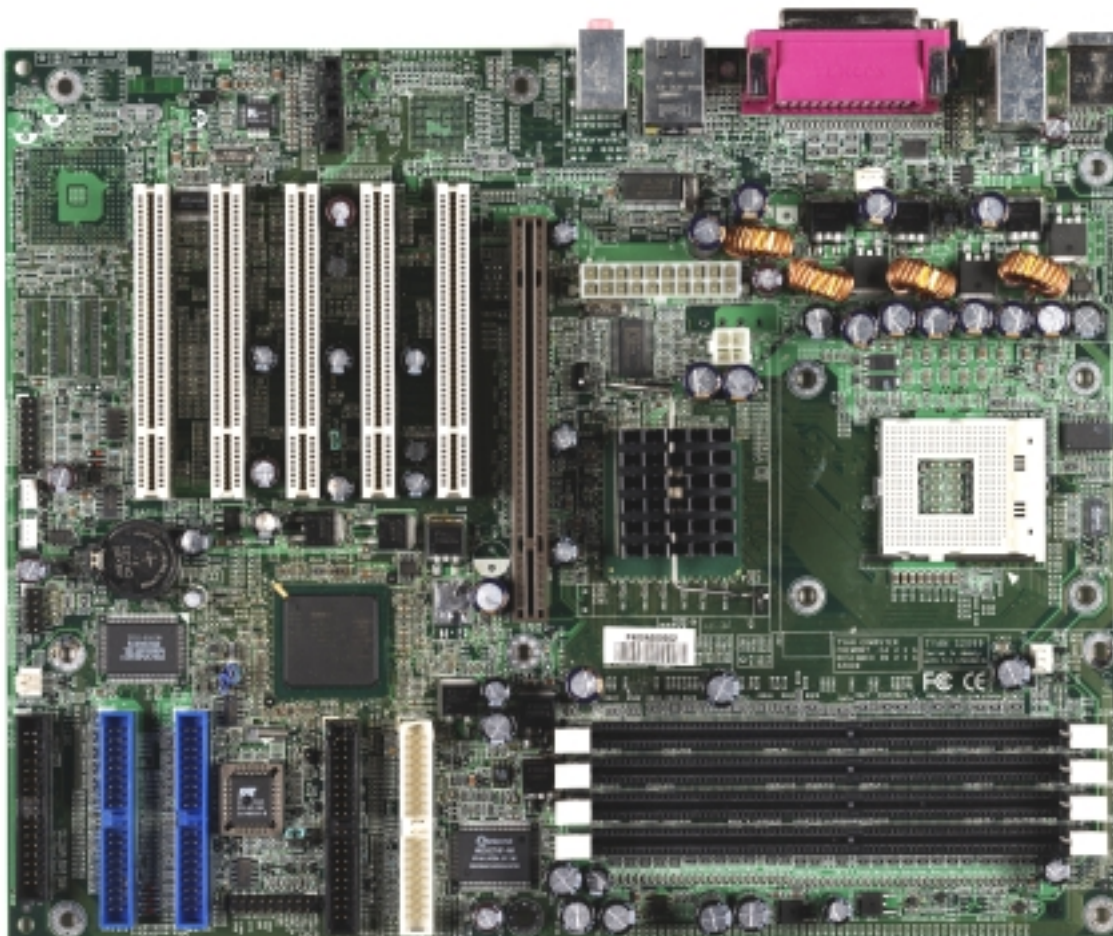


TYAN

Innovative Internet Platforms

Trinity i845E

S2099



S2099ANR pictured here.

Tyan's Trinity i845E is the perfect platform for powering digital content creation, productivity, 3D gaming, and even entry-level server applications. Featuring the Intel® 845E chipset, the Trinity i845E supports the Intel® Pentium® 4 processor, with HT and 533/400MHz FSB support.

This platform also supports PC2100 DDR memory, AGP Pro50 (or integrated ATI® RAGE™ XL graphics), plus there are options for 6-channel audio, Gigabit and Fast Ethernet, and ATA-133 IDE RAID. The Trinity i845E also features five PCI slots, up to six USB 2.0 ports and overclocking.

www.tyan.com

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

Processor

- Single mPGA478 ZIF socket
- Supports one Intel® Pentium® 4 processor with Hyper-Threading, including "Northwood" series
- Onboard VRM (VRM 9.1 spec)
- Front-Side Bus support for 400MHz and 533MHz



Chipset

- Intel® 845E chipset
- MCH + ICH4 + FWH
- Winbond W83627HF LPC I/O ASIC



Memory

- Four 184-pin 2.5v DDR DIMM sockets
- Supports up to 2GB of Unbuffered PC2100 DDR memory
- Supports 72-bit ECC memory modules

Expansion Slots

- AGP Pro50 slot; also supports AGP 4X
- Five 33MHz 32-bit (5-volt) PCI slots
- Total of six usable slots

Integrated I/O

- One floppy connector supports up to two drives
- One 9-pin 16550-based serial port
- One 25-pin SPP/ECP/EPP parallel port
- Six USB 2.0 ports (four stacked, two via optional cable)
- 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 compliant devices

Integrated IDE RAID (manufacturing option)

- Promise PDC20276 dual-channel ATA-133 controller
- Supports up to four ATA-133/100/66 IDE drives
- Supports RAID Levels 0 and 1

Integrated LAN (manufacturing options)

- Option for Fast Ethernet or Fast Ethernet and Gigabit Ethernet
- Intel® 82562 (Fast Ethernet); Intel® 82540 (GbE)
- 3-pin Wake-on-LAN (WoL) header

Integrated Video (manufacturing option)

- ATI® RAGE™ XL graphics controller
- 8MB frame buffer
- Standard 15-pin analog VGA port

Integrated Audio (manufacturing option)

- Realtek ALC650 6-channel AC'97 audio codec
- Line-in, Line-Out, Mic-In jacks
- CD-in connector

Hardware Monitoring

- Hardware monitoring via Winbond W83627HF ASIC
- CPU temperature/voltage monitoring
- 3-pin fan monitoring headers
- 3-pin Wake-on-Ring (WoR) header

BIOS

- Award BIOS on 4Mbit Flash ROM
- Jumper-free overclocking and over-voltage
- User settings for hardware monitoring
- Auto-configuration of IDE hard drive types
- Multiple boot options

Form Factor

- ATX footprint (12.0" x 9.6")
- ATX12V power connector
- Stacked parallel (one), serial (one) and VGA (one, optional) ports
- Stacked USB (four) ports
- Side-by-side audio (one, optional) and LAN (one or two, optional) ports
- Stacked keyboard and mouse ports

Regulatory

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



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For more information on Tyan products, visit
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