Intel® Desktop Board D845EBT Technical Specifications

Processor
- Intel® Pentium® 4 processors with Intel® Netburst® microarchitecture supporting 533 or 400 MHz system bus in the mPGA478 pin package
- Intel® Celeron® processors including 400 MHz system bus in the mPGA478 pin package

Chipset
- Intel® 845E Chipset

Memory
- Two 168-pin 4X/2X DIMM slots supporting up to 2GB of DDR200 SDRAM memory

Board and Back-panel I/O Layout
- Six USB 2.0 Ports
- Three IEEE-1394a Ports
- Two front panel ports (header requiring cable to front panel)
- One back-panel port

Internal Connectors
- One 1.5V 4X/2X AGP port connector
- One 3.3V/1.5V PCI Local Bus (PCILB) connector
- One 4.5V/3.3V PCI bus add-in-card connectors (PCILB local bus Specification Revision 2.2)
- One Communication and Networking Riser (CNR) connector
- One PCI Express x16 connector
- One 4X/2X AGP port connector
- One 3.3V/1.5V/5V PCI bus add-in-card connectors (PCILB local bus Specification Revision 2.2)
- One 4X/2X AGP port connector
- One 3.3V/1.5V/5V PCI bus add-in-card connectors

Power Management
- One 1.5V 4X/2X AGP port connector
- One 3.3V/1.5V PCI Local Bus (PCILB) connector
- One front panel power LED
- One front panel standby LED
- Two front panel power LED
- Two front panel standby LED

Audio
- Featuring SoundMAX Cadenza with PureAudio®
- Gain both speed and data protection with striping and mirroring onto four drives

Environmental Specifications
- Operating Temperature: 0°C to +40°C
- Storage Temperature: -40°C to +60°C

Ordering Information
Features & Benefits

1. Support for the Intel® Pentium® 4 Processor with 533 or 400 MHz system bus: Supports Pentium 4 processors in the mPGA478-pin package and Intel® NetBurst™ microarchitecture.

2. Intel® 845E Chipset featuring support for six USB 2.0 ports: Advances beyond the Intel® 845 chipset with support for 533 MHz system bus and six USB 2.0 ports.

3. Two DIMM sockets for DDR266 SDRAM: Designed to support up to 2GB** of DDR266 SDRAM memory.

4. AGP 4X Connector: Support for the latest graphics technology.

5. Five PCI Slots: Expansion slots for custom system configurations and future add-in card upgrades.

6. Six USB 2.0 Ports: Two dual-port rear connectors and header for two front panel ports.

7. Three IEEE-1394a Ports: One rear connector and header for two front panel ports.

8. Two RAID IDE Connectors with Support for RAID 0,1,0+1: Gain both speed and data protection with striping and/or mirroring.


11. Intel® PRO/100 network Connection: On-board 10/100 Mbps Ethernet LAN connectivity utilizing Intel® 82562ET LAN.


13. Quiet Cooling with Fan Control: Advanced management ASIC supports temperature-based fan control and enables remote system monitoring.

14. Intel® Rapid BIOS Boot: Reduced boot time enables faster system access.

The Intel Desktop Board D845EBT Also Features:

- Instantly available PC (suspend-to-RAM): Reduced PC power consumption and provides immediate PC access using advanced wake-up logic.
- One-year limited warranty: Expanded investment protection.

I/O Back Panel

Featuring Integrated Surround Sound Audio Connectors

- PS/2
- Parallel
- RJ-45
- COM1
- S/PDIF
- Analog Audio
- USB
- Line In
- Rear R-L
- Front R-L
- Center-LFE
- Stereo Mic