

abit Engineered


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MOTHERBOARD Socket 478

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BE7+Ge



845PE Based Pentium 4-478 ATX Mainboard Gigabit LAN, Serial ATA 150, DDR 333, USB 2.0, 6 Channel Audio, SoftMenu™ Technology

Product Information

- Overview
- Specifications
- Test Reports

Support Information

- FAQs
- BIOS
- Driver
- Utility

Specifications

- CPU**
- Supports Intel Pentium® 4 Socket 478 processors with 533/400 MHz FSB
 - Supports Intel Hyper-Threading Technology

- Chipset**
- Intel 845PE/ICH4 chipset
 - Supports H-Speed Universal Serial Bus (USB 2.0)
 - Supports Ultra ATA 100/66/33

- Memory**
- Three 184-pin DDR DIMM sockets (Un-buffered Non-ECC DIMM)
 - Supports 2 DIMM DDR 333 (Max. 2GB)
 - Supports 3 DIMM DDR 266/200 (Max. 2GB)

- Gigabit LAN (Optional)**
- On board Broadcom Gigabit PCI Ethernet Controller or 10/100M PCI Ethernet Controller

- Serial ATA 150 (Optional)**
- On board Silicon Image Serial ATA PCI Controller
 - Support 2 ports SATA 150 (1.5Gbps)

- ATA133 RAID (Optional)**
- On board High Point HPT372 IDE RAID controller, Supports ATA133 HDDs with RAID 0/1/0+1

- Audio**
- On board Realtek ALC650 6-Channel AC 97 CODEC
 - Professional digital audio interface supports 24-bit Optical S/PDIF Out

- System BIOS**
- SoftMenu™ Technology to set CPU parameters
 - Supports Plug-and-Play (PNP)
 - Supports Advanced Configuration Power Interface (ACPI)
 - Supports Desktop Management Interface (DMI)
 - Write-Protect Anti-Virus function by AWARD BIOS

- Internal I/O Connectors**
- 1 x AGP slot
 - 5 x PCI slots
 - 1 x Floppy Port supports up to 2.88MB
 - 2 x Ultra ATA 100/66/33 Connectors
 - 2 x Serial ATA 150 Connectors
 - 2 x Ultra ATA 133/100/66/33 Connectors (RAID)
 - 2 x USB 2.0 headers
 - 1 x CD-IN, 1 x AUX-IN
 - 1 x IrDA

- Back Panel I/O**
- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
 - 2 x Serial Port connectors, 1 x Parallel Port connector
 - 1 x S/PDIF Out connector
 - 1 x Audio connectors (Center/Subwoofer, Surround Speaker)
 - 1 x Audio connectors (Front Speaker, Line-in, MC-in)
 - 2 x USB Ports, 1 x RJ-45 LAN Connector

- Miscellaneous**
- ATX form factor
 - Hardware Monitoring - Including Fan speed, Voltages, CPU and System temperature
 - Keyboard and Mouse Power On
 - Supports Wake Up by LAN, Modem Ring, RTC Alarm

Order Information

Model	Optional Features
BE7-G	Broadcom Gigabit LAN, SATA
BE7-S	Broadcom 10/100MLAN, SATA
BE7-RAID	Realtek 10/100MLAN, ATA133 RAID
BE7-B	Broadcom 10/100MLAN
BE7	Realtek 10/100MLAN

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