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- Press Center
- BIOS Guide
- CPU support
- Downloads
- BIOS
- Drivers
- Utilities
- Manuals
- FAQs
- Awards
- Conabitt
- Ababitt
- R&D
- Customer Service
- Copyright info
- HOME
- Newsletter Sign-Up
- Please enter a valid
- Subscribe/ Unsubscribe
- Search
- Go
- Product
- FAQs
- News
- Award

MOTHERBOARD Socket 478

IT7 re



Intel 845E Based Pentium®4 ATX Mainboard
ATA133 RAID, DDR 266, USB 2.0, IEEE 1394, 6-Ch Audio
SoftMenu™ Technology

Specifications

CPU

- . Supports Intel Pentium® 4 Socket478 processor
- . 400/533MHz System Data Bus

Chipset

- . Intel 845E (ICH4) chipset
- . Supports ACP 4X 1.5V device only
- . Supports Hi-Speed Universal Serial Bus (USB 2.0)
- . Supports Dual Ultra ATA/100, Ultra ATA/66, Ultra ATA/33 channels supporting 4 devices

Ultra DMA 133/ RAID

- . High Point HPT374 IDE Controller
- . Ultra DMA 133MB/sec data transfer rate
- . RAID 0 (striping mode for boosting performance)
- . RAID 1 (mirroring mode for data security)
- . RAID 0 + 1 (striping and mirroring)

Memory

- . Three 184-pin DIMM sockets support DDR SDRAM modules
- . Supports up to 2 GB MAX. (64, 128, 256, 512MB DDR SDRAM)
- . Supports unbuffered Non-ECC type DDR DIMMs

Audio

- . Realtek AL0650 (AC-Link)
- . Supports 6CH DAC for AC3 5.1 CH purpose
- . Professional digital audio interface supporting 24-bit SPDIF OUT

Media XP (Optional)

- . Supports card reader function for Memory Stick™, Secure Digital™ and Type III CompactFlash™
- . Supports Wireless Remote Control and S/PDIF Out / Mic In / Headphone Out / USB 2.0 / IEEE 1394

System BIOS

- . SoftMenu™ III 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

LAN

- . On board Realtek 8100B single chip Ethernet controller interface
- . 10/100Mb Operation
- . User friendly driver included

Multi I/O Functions

- . 2 channels of Bus Master IDE Ports supporting up to 4 Ultra DMA 33/66/100 devices
- . 4 channels of Bus Master IDE Ports supporting up to 8 Ultra DMA 33/66/100/133 (RAID 0/1/1+0) devices
- . 6 USB 2.0 Connectors
- . On board VIA VT6202 USB 2.0 header for four extra USB channels
- . Three P1394a fully compliant cable ports at 100/200/400 megabits per second
- . Audio connector (Line-in, Center/Sub, Surround Spk, Front Spk, Mc-in)

Miscellaneous

- . ATX form factor
- . 1 AGP 1.5v slot, 4 PCI slots
- . Hardware monitoring - Including Fan speeds, Voltages, System environment temperature

Browse by processor

-- Select One --





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- [Overview](#)
- [Specifications](#)
- [News](#)
- [Awards](#)
- [Test Reports](#)

Support Information

- [FAQs](#)
- [BIOS](#)
- [Driver](#)

Total Rows:5 Page:1/1

Model	Logo	Media	Country	Award	Date
IT7		T-Break	USA	Rating: 92/100	2002/07/14
IT7		Hot Hardware	USA	Editor's Choice	2002/07/10
IT7		Motherboards.org	USA	Editor's Choice	2002/06/19
IT7		HardOCP	USA	[Hard]OCP Top Pick branding	2002/05/27

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UK

Editor's
Choice

2002/05/21

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