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MOTHERBOARD Socket A

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AT7 re



VIA KT333 Based AMD K7 Mainboard
ATA133 RAID, DDR 333, USB 2.0, IEEE1394, 6-Ch Audio
SoftMenu™ Technology

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Specifications

CPU

- Supports AMD-K7 Athlon /Athlon XP Socket A 200/266MHz FSB Processors
- Supports AMD-K7 Duron Socket A 200 MHz FSB Processors

Chipset

- VIA KT333 / VIA VT8233A
- Supports Ultra DMA 33/66/100/133 IDE protocol
- Supports Advanced Configuration and Power Management Interface (ACPI)
- Accelerated Graphics Port connector supports AGP 2X(3.3V) and 4X(1.5V) mode (Sideband) device
- Supports 200/266/333 MHz (100/133/166MHz Double Data Rate) Memory Bus Setting

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

- Four 184-pin DIMM sockets support PC1600/PC2100/PC2700 DDR DRAM modules
- Supports DDR333 unbuffered DRAMs up to 2GB and registered DRAMs up to 3GB
- Supports 6 banks up to 3GB DRAMs for unbuffered DDR200/266 modules
- Supports 8 banks up to 3.5GB DRAMs for registered DDR200/266 modules

Audio

- Realtek ALC650 (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 I/II 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 33/66/100/133 devices
- 4 Channels of Bus Master IDE Ports supporting up to 8 Ultra DMA 33/66/100/133 (RAID 0/1/1+0) devices
- 4 USB 1.1 Connectors
- On board VIA VT6202 USB 2.0 header for four extra USB channels
- Three 1394a fully compliant cable ports at 100/200/400 megabits per second
- Audio connector (Line-in, Center/Sub, Surround Spk, Front Spk, Mic-in)

Miscellaneous

- ATX form factor
- 1 AGP 1.5v slot, 3 PCI slots
- Hardware monitoring - Including Fan speeds, Voltages, System environment temperature

<u>Model</u>	<u>Logo</u>	<u>Media</u>	<u>Country</u>	<u>Award</u>	<u>Date</u>
AT7		PC Magazin	German	Top-Produkt!	2002/08/07
AT7		Hot Hardware	USA	Editor's Choice	2002/07/10
AT7		TecCentral	German	Excellent	2002/07/03
AT7		TechZone	USA	Final score: 9.8 out of 10	2002/06/11
AT7		Tech Report	USA	First Editor's Choice	2002/04/30
AT7		TweakTown	USA	Editor's Choice	2002/04/16
AT7		OCWorkbench	Singapore	2002 Gold Award	2002/04/15
AT7		HardCOREware	USA	Final rating: 98%	2002/04/12

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