

**abit Engineered™**

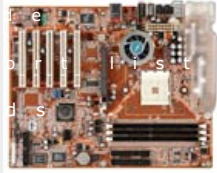
- | Press Center
- | BIOS Guide
- | CPU support
- | Downloads
- BIOS
- Drivers
- Utilities
- Manuals
- | FAQs
- | Awards
- | Contact Us
- | About Us
- R&D
- Customer Service
- Copyright info
- | HOME
- Newsletter Sign-Up
- 
- Subscribe/ Unsubscribe
- Search
- Product
- FAQs
- News
- Award

MOTHERBOARD Socket 754

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-- Select One -- ▾

**KV8re**



VIA K8T800 Based AMD Athlon 64 Mainboard  
FSB800, AGP 8X, SATA RAID  
ABIT µGuru Technology



**Specifications**

**>> CPU**

- Supports AMD socket 754 Athlon 64 CPU
- Supports AMD Sempron CPUs (Please update the latest BIOS version)

**>> CPU Integrated Memory Controller**

- 72-bit memory controller supports DDR at 266, 333 and 400MHz
- Support 3 DIMM DDR 333
- Support 2 DIMM DDR 400
- Support 3 DIMM DDR up to 2GB Max.

**>> Chipset**

- VIA K8T800 / VT8237 chipset
- Supports 800MHz Hyper Transport
- Supports Advanced Configuration and Power Management Interface (ACPI)
- Accelerated Graphics Port connector supports AGP 8X/4X (0.8V/1.5V)

**>> SATA RAID**

- Supports SATA data transfer rates at 150 MB/s (1.5G bps)
- Supports SATA RAID 0/1 JBOD

**>> Gigabit LAN**

- On board 10/100/1000 Mb PCI Ethernet Controller

**>> Audio**

- 6-Channel AC 97 CODEC on board
- Professional digital audio interface supports optical S/P DIF In/Out

**>> ABIT Engineered**

- ABIT µGuru™ Technology
  - ABIT EQ
  - ABIT FAN EQ
  - ABIT OC Guru
  - ABIT Audio EQ
  - ABIT Flash Menu
  - ABIT Black box
- ABIT OTES™ Technology
- ABIT SoftMenu™ Technology
- CPU ThermalGuard™ Technology

**>> Internal I/O Connectors**

- 1 AGP 8X/4X slot, 5 PCI slots
- Floppy Port supports up to 2.88 MB
- 2 x Ultra DMA 33/66/100/133 Connectors
- 2 x Serial ATA 150 Connectors
- 2 x USB headers, 2 x CD-IN

**>> Back Panel I/O**

- 1 x PS/2 Keyboard, 1 x PS/2 mouse
- 1 x Serial Port, 1 x Parallel Port
- 1 x S/P DIF Output, 1 x S/P DIF Input
- 5 holes Audio connector (Front Speaker, Line-in, Mic-in, Center/Sub, Surround Speaker)
- 4 x USB, 1 x RJ-45 LAN Connector

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- [News](#)

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

>> **Miscellaneous**

- ATX form factor 305 x 245 mm

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