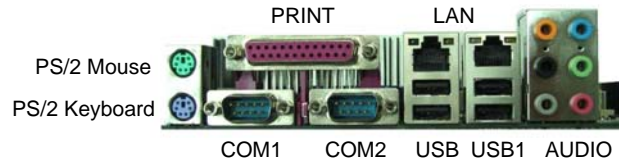


# 754Turbo

VIA K8T800/VT8237 CHIPSET with AGP 8x slot /8-CH Audio /ATA133 / Serial ATA/ Dual-LAN/Debug Port Support AMD Athlon64 (Socket 754) ATX Main Board

800MHz FSB /AGP 8x /Serial ATA /DDR400 /8-CH Audio /Dual LAN/  
4 Phase PWM/Debug Port Solution

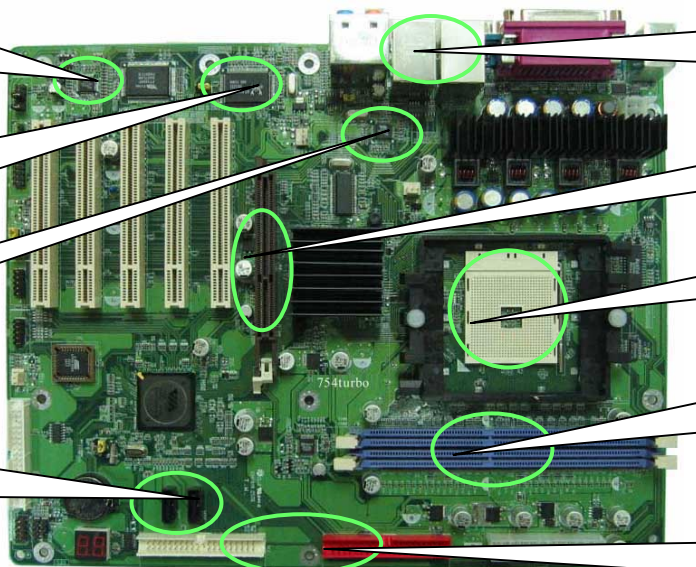


8-Channel AC'97 Codec Support Front, Rear, Center-Base Speaker Output

**REALTEK 8100S PCI Giga-LAN Chip**  
Supports 10/100/1000 Mb/sec data transfer rate

**VIA 6103L LAN PHY**  
Supports 10/100 Mb/sec data transfer rate

**Serial ATA**  
Support 2 Serial ATA port provided 150MB/s (Max.) transfer rate



**USB 2.0 / LAN**  
Support USB2.0 Max. 480Mbps transfer rate

**AGP 8x/ 4x Slot**  
Support AGP 8x/ 4x AGP Cards

**CPU Support 800MHz F.S.B.**

**DDR Module Socket**  
Support DDR266/DDR333/DDR400 DRAM Max. 2GB

**ATA133 IDE Connector**  
Support 133MB/s data transfer rate

## Processor

- 64bit AMD Athlon64 754-Pin package utilizes Flip-Chip Pin Grid Array package processor, Support CPU Frequency 800MHz

## Chipset

- VIA K8T800 North Bridge Chipset
- VIA VT8237 South Bridge chipset

## Expansion Slot

- Support 1pcs AGP 8x/4x Slot
- 5pcs PCI 2.2 Slot

## System Memory

- 2 x 184-pin DDR Module Socket Support Max 2GB DDR266/DDR333/DDR400 DRAM Module

## Jumplless

- Support Jumplless function by BIOS SETUP let users more easier change the Frequency and ratio

## Magic Setting

- Support CPU Front Side Bus step by step setting in BIOS SETUP let users have many choice when use over-clock function

## Ultra DMA 133

- Support 2 x Ultra DMA 133 IDE Interface (Up to 4 IDE Devices & 133MB/s transfer rate)
- ATAPI IDE CD-ROM, CD-R, CD-RW and LS-120 Support

## PC'99 Colorful I/O Ports

- 8xUSB2.0 Ports, 2xSerial Ports, 1xParallel Port
- 1xPS/2 Keyboard Port, 1xPS/2 Mouse Port, 1xFloppy Port
- Line-In/ Line-out /MIC &8-CH.Audio Ports

## On Board Dual LAN

- Integrated Realtek 8100S PCI Giga-LAN chip. Supports 10/100/1000 Mb/sec data transfer rate
- Integrated VIA 6103L LAN PHY. Supports 10/100 Mb/sec data transfer rate.

## On Board Audio

- Software Audio Controller with Onboard 8-Channel CODEC Compliant to AC97'
- Support 3D Surround & Positioning, Full Duplex

## Serial ATA

- Support 2 Serial ATA Port provide 150MB/s (Max.) Data transfer rate
- Support RAID0, RAID1 function

## 4 Phase PWM solution

4 phase PMM solution gain more stable voltage current for CPU make system more stable when CPU in full loading

## Dimension

ATX form factor (30.5cm x 24.4cm)

## Special Function

- **Bi-turbo function**  
Offers the flexibilities of hardware dynamic over-clocking with both intelligent automatic and power-manual mode for the balance of computing performance and reliability
- **CPU Thermal Throttling**  
To narrow the operating bandwidth of CPU actively to low down the temperature prevent the increasing heat from damage CPU while activation of the Bi-turbo technology
- **7-shift:**  
Adjustable CPU Voltage add 7 stages (0.025V as a stage) for the precision hardware dynamic over-clocking of demanding computing performance
- **CPU Smart FAN Support**  
The system control the CPU Fan speed increase when high loading, in normal operating condition low down fan speed for silent operating environment.
- **Debug Port**  
This will turn you into a well training hardware professional with the seeing system situation.

## Trademark

- \* Product and Company names mentioned herein may be the trademarks of their respective owners.