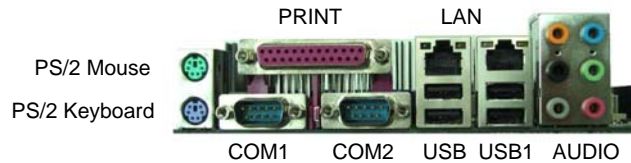


# 939Turbo

VIA K8T890/VT8237 CHIPSET with PCI-Express slot /8-CH Audio /ATA133 / DDR400 Dual channel/Serial ATA/ Dual-LAN/Debug Port Support AMD Athlon64 (Socket 939) ATX Main Board

CPU 1GHz FSB /PCI-E/Serial ATA /DDR400 Dual channel /8-CH Audio /Dual LAN/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

**PCI-Express x16, x1 Slot**  
Support PCI-Express expansion Cards

**CPU Support 1GHz F.S.B.**

**DDR Module Socket**  
Support DDR266/DDR333/DDR400 Dual channel DRAM Max. 4GB

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

**Processor**  
- 64bit AMD Athlon64 939-Pin package utilizes Flip-Chip Pin Grid Array package processor, Support CPU Frequency 1GHz

**Chipset**  
- VIA K8T890 North Bridge Chipset  
- VIA VT8237 South Bridge chipset

**Expansion Slot**  
- Support 1pcs PCI-Express x16 Slot, 2pcs PCI-Express x1 Slot  
- 3pcs PCI 2.2 Slot

**System Memory**  
- 4 x 184-pin Dual channel DDR Module Socket Support Max 4GB DDR266/DDR333/DDR400 DRAM Module

**Jumpliss**  
- Support Jumpliss 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 AC'97  
- Support 3D Surround & Positioning, Full Duplex

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

**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**  
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