

# PT800 Twin

VIA PT800 & VT8237 CHIPSET With 6-CH Audio  
/ATA100 /LAN /USB2.0 support 478B Pin Pentium 4  
ATX Main Board

Support 8X AGP /USB2.0 /6-CH Audio Solution



### Processor

- Support Socket 478B processor for Intel Pentium® 4 (mPGA478) package processor, Support 400/533/800MHz System Bus Frequency

### Chipset

- VIA PT800 Memory Controller Hub (MCH)
- VIA 8237 South Bridge

### Expansion Slot

- Five 32-bit PCI Bus Master Slots
- One 8X AGP Slot )

### System Memory

- 3 x 184-pin DDR Module Socket support DDR266/DDR333/DDR400 DDR SDRAM up to 12.0GB System memory

### Jumperless

- Support Jumperless Function by BIOS SETUP Let Users More Easier to Change The Frequency And Ratio

### 2-User Function

- With PS/2 Y-Cable support 2-Keyboard, 2-Mouse function
- Bundle MagicTwin Application Software support single PC system runs up to two stations in WindowsXP Operation System

### MagicTwin Connectivity

- USB-to-PS/2 converter manages I/O device and assigned user access

### On Board Lan

- Standard MII interface to external PHYceiver
- 10/100MHz full and half duplex operation

### Ultra DMA 100

- Support 2 x Ultra DMA 100 IDE Interface to 4 IDE Devices & 100MB/s transfer rate)
- Support PIO Mode 3 and Mode 4 and Bus Master IDE DMA, Mode 4 Timing for up to 16M Bytes/s
- Support UTRA DMA-133 Bus Master IDE, Provide faster transfer rate up to 133M Bytes/s
- ATAPI IDE CD-ROM, CD-R, CD-RW and LS-120 Support

### PC'99 Colorful I/O Ports

- 5xUSB 2.0 Ports, 2xSerial, 1xParallel Port
- 1xPS/2 Keyboard, 1xPS/2 Mouse Port, 1xFloppy Port
- 1x Line-in/out/MIC Ports

### On Board Audio

- Software Audio Controller with Onboard 6-Channel CODEC Compliant to AC97'
- Support 3D Surround & Positioning, Full Duplex

### On Serial ATA

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

### Dimension

ATX Form Factor with 30.5cm X 21.0cm

### Special Features

- Support Socket 478B processor for Intel Pentium® 4 (mPGA478) package processor, Support 400/533/800MHz System Bus Frequency
- VIA PT800 and VT8237 chipset MagicTwin Support Two User
- Support 8X AGP
- Support DDR400 Max 12GB
- Support ATA133
- Support Serial ATA
- Support 6 channel Speaker
- USB 2.0 Support
- On-board LAN
- PC'99 Ready & PC'99 Colorful I/O Ports Design
- Support USB Controller & PS/2 Mouse, Standard IR (infrared) Function
- Provide extra " three-wire" fans connectors
- Magic Frequency Setting
- Jumperless
- BIOS Write Protect function to avoid Virus crash data
- PC Health Monitoring On Post Screen
- Magic Install
- Y2K Compliant
- ACPI Supporting For OS Directed Power Management

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