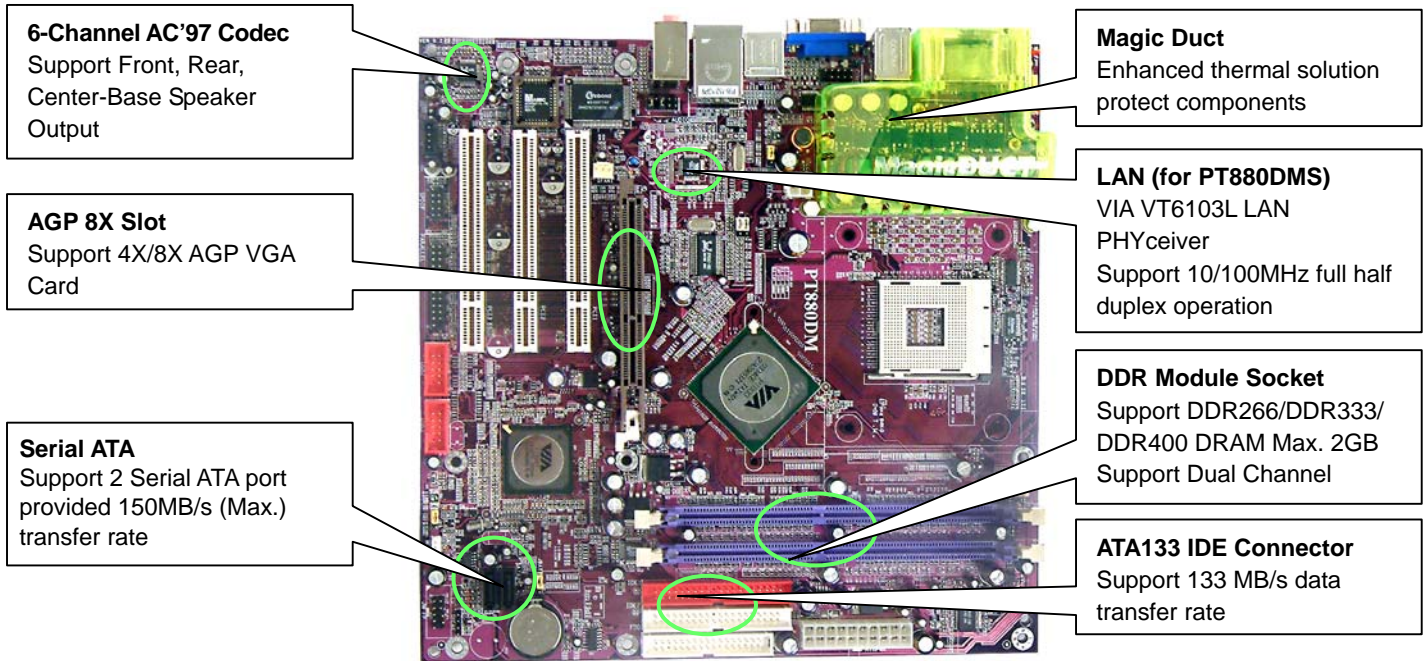# PT880DM PT880DMS

VIA PT880/VT8237 CHIPSET with AGP 8x slot /6-CH AC'97 CODEC /ATA133 /USB2.0 /Serial ATA /LAN (for PT880DMS only) support Pentium 4 processor Micro ATX Main Board

Prescott CPU Support /Dual Channel Memory /Serial ATA /AGP 8X / 6-CH Audio Solution

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

AGP 8X Slot
Support 4X/8X AGP VGA Card

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

Magic Duct
Enhanced thermal solution protect components

LAN (for PT880DMS)
VIA VT6103L LAN PHYceiver
Support 10/100MHz full half duplex operation

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

ATA133 IDE Connector
Support 133 MB/s data transfer rate

Processor
– μPGA 478B Socket for Intel Pentium®4 478 Pin processor/Prescott CPU, support 400/533/800MHz System Bus Frequency

Chipset
– VIA PT880 North Bridge Chipset
– VIA 8237 South Bridge

Expansion Slot
– Support 3xPCI Slots
– 1xAGP Slot support AGP 8X

System Memory
– 2 x 184-pin DDR Module Socket Support Max 2GB DDR266/DDR333/DDR400 DRAM Module, Support Dual Channel

Magic Duct
– Enhanced thermal solution to protect MOSFET from burnt out

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

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

PC'99 Colorful I/O Ports
– 8xUSB2.0 Ports, 1xSerial /1xParallel port
– 1xPS/2 Keyboard Port, 1xPS/2 Mouse Port, 1xFloppy Port
– 1xLine-in/out/MIC Ports

On Board LAN (for PT880DMS)
– Standard MII interface to external PHYceiver
– 10/100 MHz full and half duplex operation

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

Dimension
Micro ATX form factor (24.4cm x 24.4cm)

Special Function
• ACPI supporting for OS Directed Power Management
  – MODEM Ring remote wake up
  – RTC Alarm, wake On LAN, Keyboard Power On
• *Support ATX12V Power Supply*
• PC Health Monitor CPU temperature, System temperature, System Voltage (Vcore,Vtt,Vcc3,5V,12V……), FAN speed
• *Power Fail Recovery support*
• *Earphone Amplifier support*
• *Magic BIOS Utility support live Update BIOS function from web*

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