PM800DMS

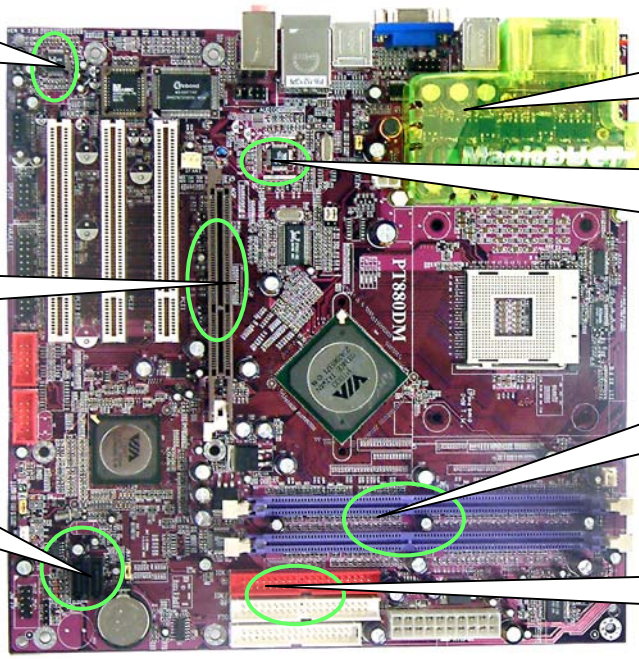
VIA PM800/VT8237 CHIPSET with AGP 8x slot /6-CH AC'97 CODEC /ATA133 /On board VGA /USB2.0 /Serial ATA /LAN /Support Pentium 4 processor Micro ATX Main Board

Prescott CPU Support /On board VGA /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
VIA VT6103L LAN PHYceiver
Support 10/100MHz full half duplex operation

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

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 PM800 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**

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 VGA
- **VGA memory share 16~64MB from system memory**
- **24-bit true-color RAMDAC up to 250MHz pixel rate**
- **Resolution up to 1920x1440**

On Board LAN
- **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***

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