## Mainboard Diagram

## P4MBAS

- Fully Support Intel LGA 775 Pentium 4 CPU
- VIA P4M800CE+ VT8237R
- Support FSB 800 / 533 / 400 MHz
- Integrated S3 Graphics UniChrome Pro Processor
- Single Channel DDR 400/333 Memory DIMMs
- 1 AGP 8X and 6 32-bit PCI Slots Design
- Support 4 IDE and 2 Serial ATA Devices with RAID
- Support RAID 0, 1 (S-ATA)
- 8 USB2.0 Connectors Embedded
- AC'97 6 Channel Audio CODEC
- VIA 10/100 LAN Supported
- ATX Form Factor

## Features and Benefits

### LGA 775 Intel® Pentium® 4 3.6GHz Processor with HT Technology Supported

Innovative design which meets the world's most advanced 90 nanometer Chip-Making Process technology based Intel® Pentium® 4 520, 530, 540, 550, 560 and beyond Processors with Hyper Threading Technology and embedded 1MB L2 Cache for demanding usage of Home Networking and Game Enthusiasts..

### VIA® P4M800CE Chipset and VT8237R Chipset deliver the Reliability and I/O Flexibility

Optimized to deliver a great Hi-Def™ visual experience when playing digital video content, the VIA P4M800 IGP chipset delivers a highly integrated solution for value desktop PC designs.The VIA UniChrome P4M800 chipset features the S3 Graphics UniChrome™ 2D/3D graphics core with MPEG-2 acceleration and DuoView™ technology for excellent multimedia performance and complete flexibility on the desktop. The VIA P4M800 also integrates support for 800MHz FSB and high performance DDR 400 memory modules. The P4M800 also features an Accelerated Graphics Port (AGP) 8X controller, and the high speed Ultra V-Link interface for combination with VIA's feature-packed VT8237R South Bridge. In combination with the VIA VT8237R South Bridge, the P4M800 offers a comprehensive range of integrated storage, multimedia and connectivity options, including native Serial ATA and V-RAID, with support for RAID 0, RAID 1 arrays, as well as support for VIA Vinyl Audio, and high-throughput Gigabit Ethernet with the VIA Velocity controller.

### Pro Magic Plus System Recovery Software Embedded

It provides complete system protection for your computer, no matter whether it is virus infection, system disorder or confusion, or data damage. Restore important data back right away, allowing your system to be operated under a safe environment. This amazing software not only provides convenient instant restoration, but also brings data back to the preferred state at any specific time point as you wish. Moreover, it combines several other functions such as anti-virus, backup software, uninstall software, multi-booting etc. to satisfy your needs of all sorts of system protections. No more worries on new virus or system failure.

### Image IT System Back-up Software Embedded

Image It can help you backup the whole system and data, and restore them instantly whenever the data on HD is destroyed, or even the HD partitions have been lost. You can also record the image file on a CD, and restore your system in an easily way. You needn't worry about the complex instruction.

## Rear I / O

## Mainboard Specifications

| | |
|---|---|
| CPU | LGA 775 Socket for FSB 800 / 533 / 400 MHz Intel® Pentium 4 With Hyper Threading Technology |
| Chipset | VIA® P4M800CE North Bridge Chipset + VT8237R South Bridge Chipset |
| Memory | 2 * 184-pin DIMM Sockets for unbuffered DDR 400 / 333 SDRAM up to 2 GB |
| Expansion Slots | 6 * 32-bit PCI Slots / 1 * AGP 8X |
| Storage | 4 * Ultra DMA 133 / 100 / 66 / 33<br>Embedded VIA® VT8237R Chipset Supports 2 Serial ATA HDDs with RAID Functions.<br>Support RAID 0, RAID 1 (S-ATA) |
| Audio | VIA® VT1617A 6-Channel AC'97 Audio CODEC |
| Ethernet LAN | VIA® VT6103 10 / 100 LAN PHY |
| USB | Embedded 8 * High Speed USB @ 480 Mbit / s |
| Special Features | Integrated VIA® S3 Graphics UniChrome Pro Integrated Graphics Processor<br>"IMAGE IT!" System Backup Software and "ProMagicPLUS!" System Recovery System |
| Rear Panel I / O | 4 * High Speed USB Connectors @ 480 Mbit / s<br>1 * D-Sub 15-pin VGA Connector<br>1 * Serial Port<br>1 * PS / 2 Mouse & 1 * PS/2 Keyboard<br>1 * RJ45 Connector<br>1 * Audio I / O |
| Internal I / O | 2 * High Speed USB Connectors @ 480 Mbit / s for 4 USB 2.0 Ports<br>CPU / Chassis Fan Connectors<br>1 * 12V 4-pin ATX Power Connector and 1 * 24-pin ATX Power Connector<br>CD / AUX Audio in<br>1* Serial Port 9-pin Block |
| BIOS | Award 4 MB Flash ROM |
| Form Factor | ATX Form Factor |