Mainboard Diagram

P4M9AP

- Support Intel Dual-Core LGA 775 Conroe CPU
- VIA P4M890+ VT 8237RP
- Support FSB 1066 / 800 / 533 MHz
- Integrated S3 Graphics UniChrome Pro Processor
- Single Channel DDR2 533 / 400 Memory DIMMs
- 1 PCI Express x16, 1 PCI Express x1, 5 32-bit PCI
- Support 4 IDE and 2 Serial ATA Devices with RAID
- 8 USB2.0 Connectors Embedded
- AC'97 8 Channel Audio CODEC
- VIA 10/100 LAN Supported
- ATX Form Factor

Features and Benefits

LGA775 Intel Core 2 Duo E Series 65nm Processor with Shared 4MB L2 Cache Supported

Innovative design which meets the world's most advanced 65 nanometer Chip-Making Process technology based Intel® Core 2 Duo E6700, E6600, E6400, E6300, E4200 and beyond Processors with and embedded 4MB / 2MB L2 Cache for demanding usage of Home Networking and Game Enthusiast.

VIA® P4M890 Chipset and VT8237R Chipset deliver the Reliability and I/O Flexibility

By harnessing the advanced VIA StepUp memory controller technology, motherboards based on the VIA P4M890 can support either DDR or DDR2 memory modules on the same motherboard, providing users the flexibility to use whatever memory standard best suits their requirements. The VIA P4M890 features a high bandwidth V-Link bus to allow communication between the chipset's North and South bridges at 533MB/sec. When combined with solutions such as the market-leading VIA VT8237R South Bridge and a broad array of VIA companion chips, the VIA P4M890 provides a comprehensive range of storage, multimedia and connectivity features, including native Serial ATA with RAID functions, 6-channel Audio, 10 / 100 Ethernet, and USB2.0.

Advanced Memory Controller

VIA's acclaimed FastStream64 memory controller enables lightening fast memory access speeds and optimal system performance, supporting up to 2GB of DDR2 533, 400 and DDR400, 333, 266 memory DIMMs at P890DAP motherboard delivered by Jetway.

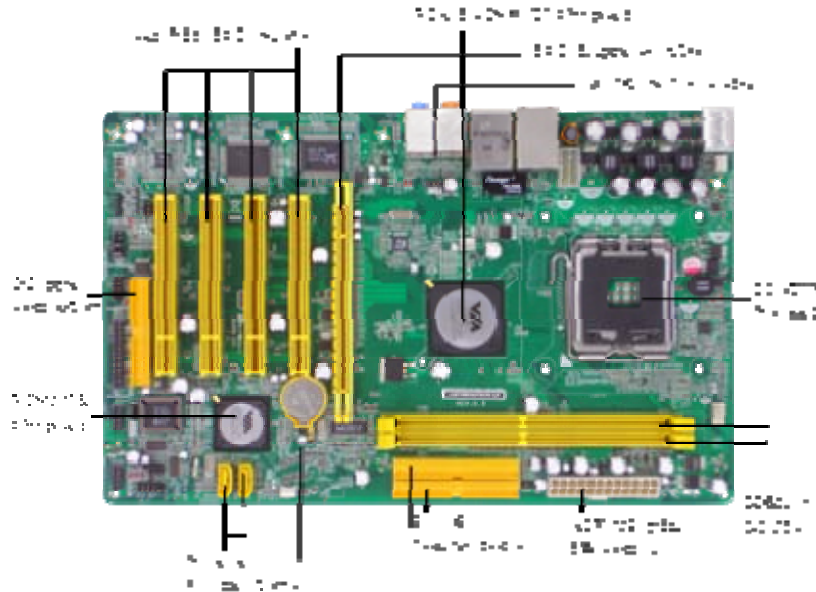### Pro Magic Plus System Recovery Software Embedded

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 1066 / 800 / 533 MHz Intel® Core 2 Duo E Series Processor With 4MB Shared L2 Cache (Code Name: Conroe)
■ Chipset	■ VIA® P4M890 North Bridge Chipset + VT8237R South Bridge Chipset
■ Memory	■ 2 * 240-pin DIMM Sockets for unbuffered DDR2 533 / 400 SDRAM up to 4 GB
■ Expansion Slots	■ 4 * 32-bit PCI Slots, 1* PCI Express x16
■ Storage	■ 4 * Ultra DMA 133 / 100 / 66 / 33 ■ Embedded VIA® VT8237R Chipset Supports 2 Serial ATA HDDs with RAID Functions. ■ Support RAID 0, RAID 1 (S-ATA)
■ Audio	■ VIA® VT1618 AC'97 8-Channel AC'97 Audio CODEC
■ Ethernet LAN	■ VIA® VT6103L 10 / 100 LAN PHY
■ USB	■ Embedded 8 * High Speed USB @ 480 Mbit / s
■ Special Features	■ Innovative and cost-effective PWM I / O Cooling Design ■ "IMAGE IT!" System Backup Software and "ProMagicPLUS!" System Recovery System
■ Rear Panel I / O	■ 4 * High Speed USB Connectors @ 480 Mbit / s ■ 1 * PS / 2 Mouse & 1 * PS/2 Keyboard ■ 1 * RJ45 Connector ■ 1 * Audio I / O
■ Internal I / O	■ 2 * High Speed USB Connectors @ 480 Mbit / s for 4 USB 2.0 Ports ■ CPU / Chassis Fan Connectors ■ 1 * 12V 4-pin ATX Power Connector and 1 * 24-pin ATX Power Connector ■ 1 * Serial Port 9-pin Block ■ 1 * Parallel Port 25-Pin Block ■ 1 * IR Port 5-pin Block ■ 1 * SPDIF 4-pin Block ■ CD / AUX Audio in
■ BIOS	■ Award 4 MB Flash ROM
■ Form Factor	■ ATX Form Factor