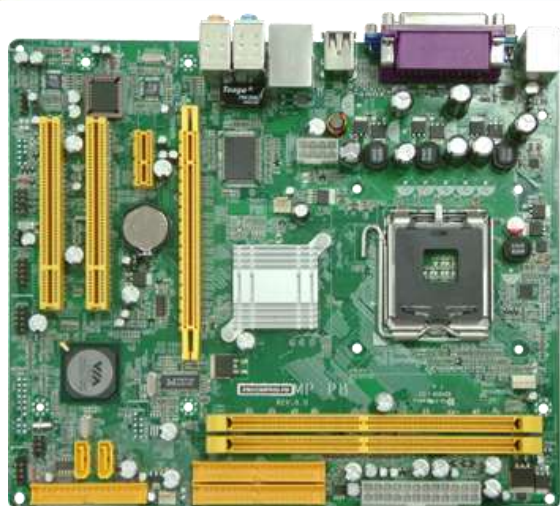## Mainboard Diagram

P901DMP

- Support Intel LGA 775 Core 2 Duo Processors
- VIA P4M900+ VT 8237A
- Support FSB 1066 / 800 / 533 MHz
- Integrated VIA Chrome 9 HC IGP
- Single Channel DDR2 667 / 533 Memory DIMMs
- 1 PCI Express x16, 1 PCI Express x1, 2 32-bit PCI
- Support 4 IDE and 2 Serial ATA Devices with RAID
- 8 USB2.0 Connectors Embedded
- Azalia 8-Channel Audio Supported
- VIA 10/100 LAN Supported
- Micro 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 Enthusiasts.

VIA® P4M900 Chipset delivering DirectX 9 Capabilities and PCI Express Connectivity

Featuring the VIA Chrome9™ HC IGP (Integrated Graphics Processor) core, the VIA P4M900 delivers DirectX® 9 graphics support with hardware pixel shaders to meet the requirements of the upcoming Windows® Vista™ operating system, and rising high definition video requirements. With additional support for the latest PCI Express add-in graphics cards, the VIA P4M900 provides SIs and OEMs an unparalleled level of performance and flexibility to develop a wide range of next-generation systems in multiple market segments capable of taking advantage of the extended visual desktop experience Microsoft Windows Vista has to offer..

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 667, 533 memory DIMMs at P900DMP motherboard delivered by Jetway.
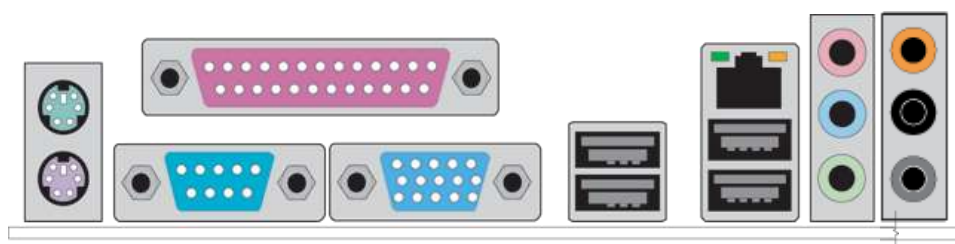
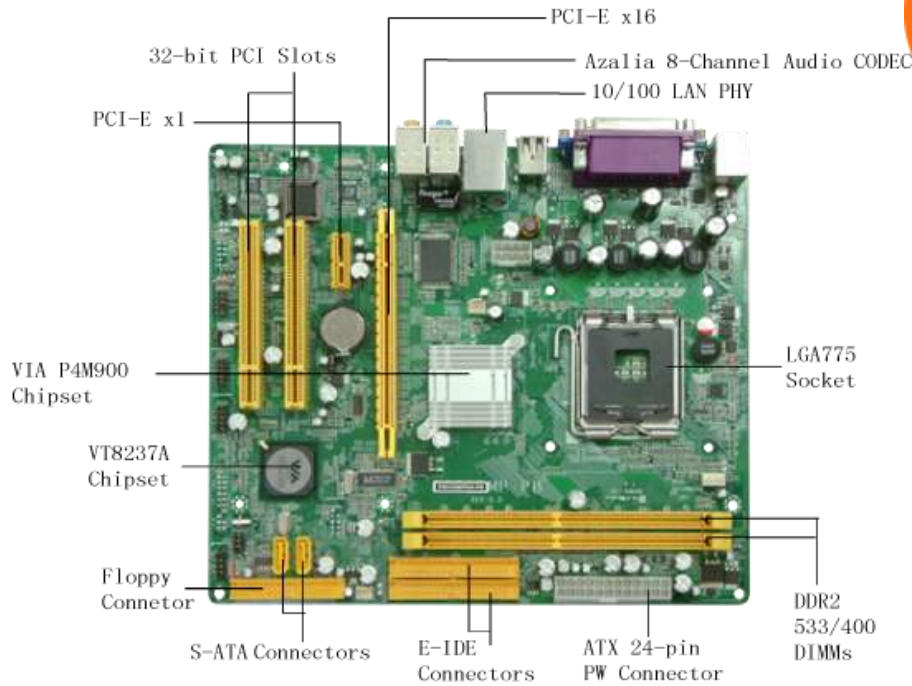### Pro Magic Plus System Recovery Software Embedded

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

Labels on diagram: 32-bit PCI Slots, PCI-E x16, Azalia 8-Channel Audio CODEC, 10/100 LAN PHY, PCI-E x1, VIA P4M900 Chipset, LGA775 Socket, VT8237A Chipset, Floppy Connetor, DDR2 533/400 DIMMs, S-ATA Connectors, E-IDE Connectors, ATX 24-pin PW Connector

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® P4M900 North Bridge Chipset + VT8237A South Bridge Chipset
■ Memory	■	2 * 240-pin DIMM Sockets for unbuffered DDR2 667 / 533 SDRAM up to 2 GB
■ Expansion Slots	■	2 * 32-bit PCI Slots, 1 * PCI Express x1, and 1* PCI Express x16
■ Storage	■ ■ ■	4 * Ultra DMA 133 / 100 / 66 / 33 Embedded VIA® VT8237RP Supports 2 Serial ATA HDDs with RAID Functions. Support RAID 0, RAID 1 (S-ATA)
■ Audio	■	VIA® VT1708 Azalia 8-Channel Audio CODEC
■ Ethernet LAN	■	VIA® VT6103L 10 / 100 LAN PHY
■ USB	■	Embedded 8 * High Speed USB @ 480 Mbit / s
■ Special Features	■ ■	Integrated VIA® S3 Graphics UniChrome Pro Integrated Graphics Processor "IMAGE IT!" System Backup Software and "ProMagicPLUS!" System Recovery System
■ Rear Panel I / O	■ ■ ■ ■ ■ ■	4 * High Speed USB Connectors @ 480 Mbit / s 1 * D-Sub 15-pin VGA Connector 1 * Serial Port 1 * PS / 2 Mouse & 1 * PS/2 Keyboard 1 * RJ45 Over USB 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 CD / AUX Audio in
■ BIOS	■	Award 4 MB Flash ROM
■ Form Factor	■	Micro ATX Form Factor