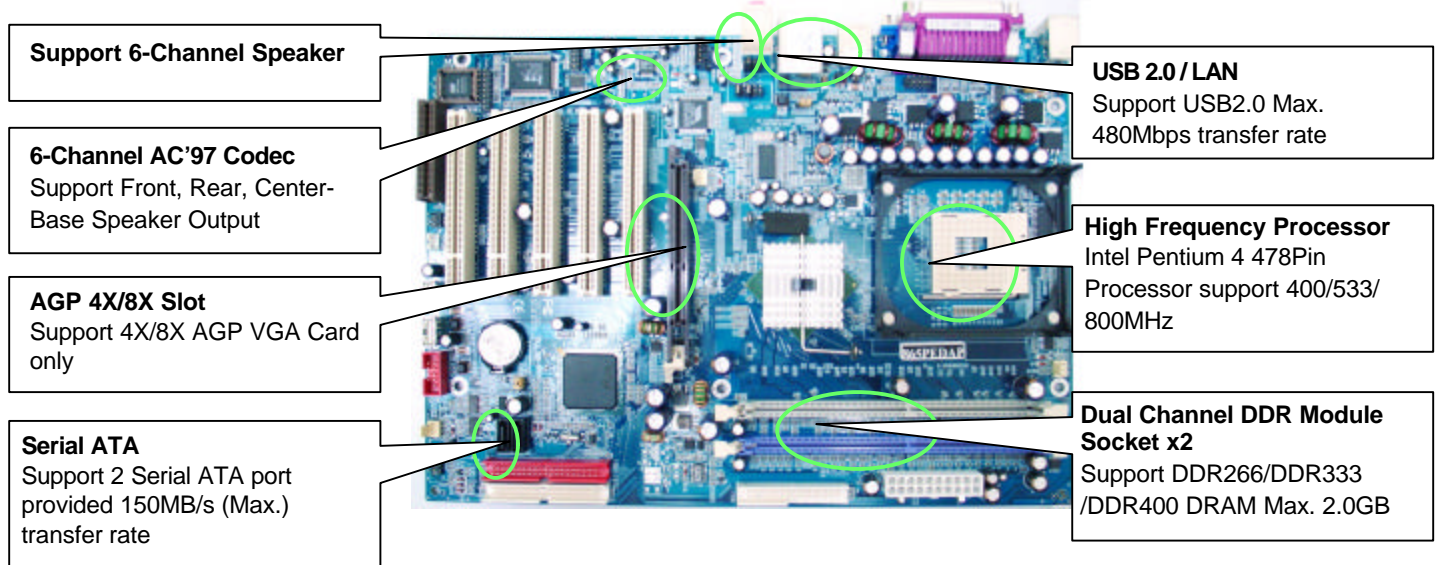# 865PEDAP

Intel Pentium4 Processor-based Platform ATX Mainboard Intel 865PE + ICH5 Chipset with AGP 8X GFX Interface 6-CH Audio / USB2.0 / Serial ATA / LAN / Dual Channel DDR400 Support

800MHz FSB / AGP 8X / Serial ATA / Dual Channel DDR400 Solution

Support 6-Channel Speaker

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

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

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

USB 2.0 / LAN
Support USB2.0 Max. 480Mbps transfer rate

High Frequency Processor
Intel Pentium 4 478Pin Processor support 400/533/ 800MHz

Dual Channel DDR Module Socket x2
Support DDR266/DDR333 /DDR400 DRAM Max. 2.0GB

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

Chipset
– **Intel 865PE Memory Controller Hub (MCH)**
– **Intel 82801EB I/O Controller Hub (ICH5)**

Expansion Slot
– **Support 5xPCI Slots and 1xCNR (Communication Network Riser)**
– **1xAGP Slot support AGP 4X/8X only**

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

Jumperless
– **Support Jumperless function by BIOS SETUP let users more easier change the Frequency and ratio**

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 100
– **Support 2 x Ultra DMA 100 IDE Interface (Up to 4 IDE Devices & 100MB/s transfer rate)**
– **ATAPI IDE CD-ROM, CD-R, CD-RW and LS-120 Support**

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

On Board LAN
– **VIA VT6105 PCI LAN controller chip**
– **IEEE 802.3 10/100 BASE T Standards**
– **BIOS Boot-up from LAN**

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

Serial ATA
– **Support 2 Serial ATA Port provide 150MB/s (Max.) Data transfer rate**

Dimension
ATX form factor (30.5cm x 22cm)

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,3.3V,5V,12V……), FAN speed
- *BIOS Write Protect* function to avoid Virus crash data
- *Power Fail Recovery* support
- *Live BIOS Update* function from web Magic BIOS Utility support
- *DDR Voltage Adjustable* in BIOS and Over Current/Under Voltage Protect
- *AGP Voltage Adjustable* in BIOS with Over Current/Under Voltage Protect
- *CPU Ratio and Voltage* Adjustable and with Current/Under Voltage Protect

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