# 848PDA 848PDAP 848PDAG

Intel 82848P CHIPSET with AGP 8X slot /6-CH Audio /USB2.0 /LAN (for 848PDAP/848PDAG) / DDR400 Support Pentium 4 (400/533/800MHz) processor ATX Main Board

# 6-CH Audio /AGP 8X /DDR400 Solution

## 6-Channel AC'97 Codec

Support Front, Rear, Center-Base Speaker Output

# Realtek RTL8110S PCI LAN Controller (for 848PDAG)

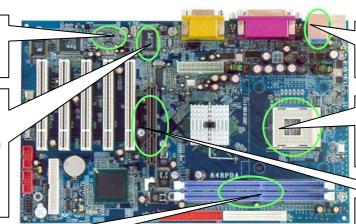
Support 10/100/1000 M BASE T transfer rate Ethernet connection

# Realtek RTL8100C PCI LAN Controller (for 848PDAP)

Support 10/100 BASE T transfer rate Ethernet connection

#### **DDR Module Socket x2**

Support DDR266/DDR333



#### USB 2.0 / LAN

Support USB2.0 Max. 480Mbps transfer rate

# **High Frequency Processor**

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

#### AGP 4X/8X Slot

Support 4X/8X AGP VGA Card

/DDR400 DRAM Max. 2.0GB

# Processor

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

# Chipset

- Intel 848P Memory Controller Hub
- Intel 82801DB I/O Controller Hub (ICH4)

# **Expansion Slot**

- Support 5xPCI Slots
- 1xAGP Slot support AGP 4X/8X only

# System Memory

- 2 x 184-pin DDR Module Socket Support Max 2GB DDR266/DDR333/DDR400 DDR SDRAM

# Jumpless

- Support Jumpless 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
- ATAPI IDE CD-ROM, CD-R, CD-RW and LS-120 Support

# PC'99 Colorful I/O Ports

- 6xUSB2.0 Ports 2xSerial Ports, 1xParallel Port
- 1xPS/2 Keyboard Port, 1xPS/2 Mouse Port, 1xFloppy Port
- 1xGame/MIDI Port, Line-in/out/MIC Ports

# On Board LAN (for 848PDAP/848PDAG)

- Realtek 8100C PCI LAN Controller for orperate 100/10 BaseT Fast Ethernet /Ethernet (for 848PDAP)
- Realtek 8110S PCI LAN Controller for orperate 1G/100M/10M BaseT Fast Ethernet/Ethernet (for 848PDAG)
- Support IEEE 802.3 Dual Channel DMA

#### On Board Audio

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

# Dimension

ATX form factor (30.5cm x 19cm)

# **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, 3.3 V, 5 V, 12 V.....), FAN
- BIOS Write Protect function to avoid Virus crash data
- Power Fail Recovery support
- Magic BIOS Utility support live Update BIOS function from web

#### Trademark

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