

# 848P Twin

Intel 848P & 82801DB(ICH4) CHIPSET With 6-CH Audio /ATA100 /LAN /USB2.0 support 478 Pin Pentium 4 ATX Main Board

Extend AGP Slot Support 8X AGP /USB2.0 /6-CH Audio Solution



#### Processor

- Support Socket 478B processor for Intel Pentium® 4 (mPGA478) package processor, Support 400/533/800MHz System Bus Frequency
- Could not support Pentium 4 Willanmette series CPU (400MHz FSB / 256 K Cache / CPU Vcore over 1.6V )

#### Chipset

- Intel 848P memory Cotroller Hub
- 82801DB (ICH4) chipset

#### Expansion Slot

- Five 32-bit PCI Bus Master Slots
- One 4/8X AGP Slot (Support 1.5V AGP card only)

#### System Memory

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

#### Jumplless

- Support Jumplless Function by BIOS SETUP Let Users More Easier to Change The Frequency And Ratio

#### Integrated Graphics Controller

- 256 bit graphics core
- Integrated 2D/3D graphics accelerator
- Intel Digital Video Out (DVO) ports add Support for digital displays and TV-Out
- Integrated 350MHz RAMDAC
- Support ADD (AGP Digital Display) card

#### MagicTwin Connectivity

- USB-to-PS/2 converter manages I/O device and assigned user access

#### PCI LAN

##### (IGLMP Only)

- Realtek RT8100 PCI Lan Controller Chip
- IEEE 802.3 10/100 BASE T Standards
- BIOS Boot-up from LAN

#### Ultra DMA 100

- Support 2 x Ultra DMA 100 IDE Interface (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

- 5xUSB 2.0 Ports, 2xSerial, 1xParallel Port
- 1xPS/2 Keyboard, 1xPS/2 Mouse Port, 1xFloppy Port
- 1x Line-in/out/MIC Ports

#### On Board Audio

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

#### Dimension

ATX Form Factor with 30.5cm X 19cm

#### Special Function

Support Socket 478B processor for Intel Pentium® 4 (mPGA478) package processor, Support 400/533/800MHz System Bus Frequency

Intel 848P and 82801DB (ICH4) chipset

Support ATA100

MagicTwin Support Two User

Extend AGP Slot Support 8X AGP Support 1.5V VGA Card Only

Onboard LAN

DDR400 DDR SDRAM support

Support 6-Channel 3D sound

PC'99 Ready & PC'99 Colorful I/O Ports Design

Support USB Controller & PS/2 Mouse, Standard IR (infrared) Function

Provide extra " three-wire" fans connectors

USB 2.0 support

Magic Frequency Setting

Jumperless

BIOS Write Protect function to avoid Virus crash data

PC Health Monitoring On Post Screen

Magic Install

Y2K Compliant

ACPI Supporting For OS Directed Power Management

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