

## 845PE-ANT Mainboard Overview

(Supports Intel®'s Hyper-Threading Technology)

Supports Socket 478 Intel® Pentium™4 and Celeron™ CPUs

FSB Clock : 533MHz / 400 MHz PSB (Processor System Bus)  
(133MHz / 100 MHz QDR)

184-pin DDR-DIMM x2, maximum 2GB

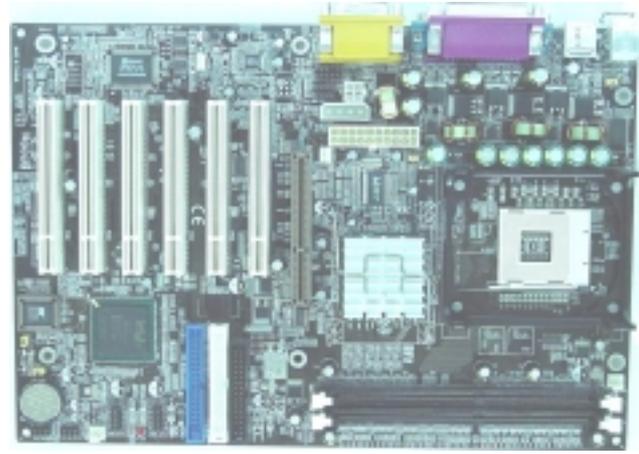
PCI x6

AGP x1

6 USB Ports (Version 2.0) supported

2 Channels AC97 Audio.

ATX Form Factor : 30.5 cm x 21.0 cm



### Detailed Specifications

#### Chipset

Northbridge Core Chipset : Intel® RG845PE (MCH)

Southbridge Core Chipset : Intel® FW82801DB (ICH4)

- Supports DDR DIMM up to 2GB maximum memory
- Supports 533 MHz / 400 MHz system bus
- 2 Channel Ultra ATA33/66/100 Bus Master IDE controller
- 6 USB controller 2.0
- 6 PCI 2.2 interface
- 1X/2X/4X AGP interface (1.5V only)
- AC'97 interface

#### On-Board Peripherals

- 1 PS/2 Keyboard connector
- 1 PS/2 Mouse connector
- 1 Floppy Disk Controller supports 2 FDDs from 360K to 2.88Mbytes
- 2 Channel Bus Master IDE controller connect up to four units of IDE devices
- 2 Serial Ports (COM 1 + COM 2)
- 1 Parallel Port supports SPP/EPP/ECP mode
- 1 Integrated AC'97 2-channel sound interface
- 6 USB (2.0) Ports
- 1 Game/Midi Port

#### BIOS

- 2Mb Flash ROM, Phoenix-Award BIOS support ACPI, PnP and DMI

#### System Memory

- DDR DIMM x 2, support DDR266/DDR333 up to 2GB

#### Useful Connectors

- 1 CD-IN connector
- 1 Aux-In connector
- 3 FAN connectors for CPU & Chassis
- 1 WOL connector for Wake on Lan function

#### Special Features

- Front USB (Type : Intel)
- Front AUDIO (Type : Intel)
- Hardware Monitoring (Winbond W83627HF-AW)

