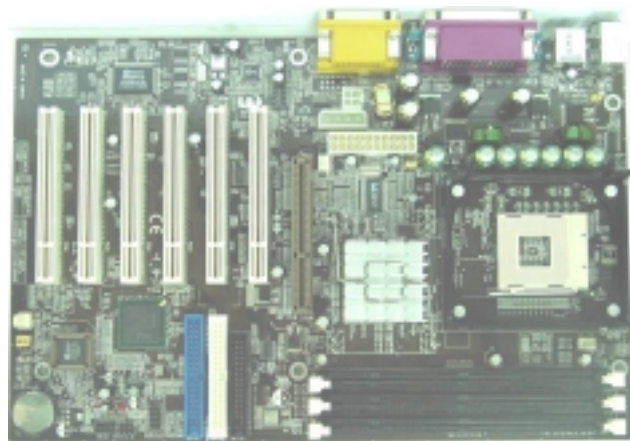


845S-AV_(version 3.0) Mainboard Overview

Supports Socket 478 Intel® Pentium™4 CPU
FSB Clock : 533MHz / 400 MHz PSB (Processor System Bus)
(133MHz / 100 MHz QDR)
168-pin SDR-DIMM x3, maximum 3GB
PCI x6
AGP x1 (4X, 2X)
4 USB Ports (Version 1.1) supported
2 Channels AC97 Audio.
ATX Form Factor : 30.5 cm x 20.0 cm



Detailed Specifications

Chipset

Northbridge Core Chipset : Intel® RG82845

Southbridge Core Chipset : Intel® FW82801BA (ICH2)

- Supports SDR DIMM up to 3GB maximum memory
- Supports 533 MHz / 400 MHz system bus
- 2 Channel Ultra ATA33/66/100 Bus Master IDE controller
- 4 USB controller 1.1
- 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
- 4 USB (1.1) Ports
- 1 Game/Midi Port

BIOS

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

System Memory

- SDR DIMM x 3, support PC-133 / PC-100 up to 3GB

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 (AZZA Type)
- Hardware Monitoring (Winbond W83627HF-AW)

845S-AV

SDR

4X AGP

USB 1.1