

F845S Pentium 4 Motherboard

Picture N/A Key Features

ATX form factor

Support Intel P4 processor

Support maximum 3GB PC-133 SDRAM with 3 DIMMs

Support one 1.5V AGP 4X slot

Support 5 PCI slots and 1 CNR slot

Support USB 1.1 four ports

Realtek 8100B LAN on board option

CPU

- Supports Intel? Pentium? 4 processor in 478 pin package.
- Supports 1.5GHz, 1.6GHz, 1.7GHz, 1.8GHz, 1.9GHz, 2GHz, 2.1GHz, 2.2GHz and up.

Chipset

Intel? 845 (593 FC-BGA) Chipset

- Supports PC-133 SDRAM at 100/133MHz operation
- AGTL+ host bus with integrated termination supporting 32-bit host addressing.
- 1.5V AGP interface with 4x data transfer and 4x fast write capability.
- 8-bit, 66MHz 4x hub interface to the Intel ICH2.

Intel? ICH2 (360 EBGA) Chipset

- Upstream hub interface for access to the Intel MCH.
- 2-channel Ultra ATA-100 Bus Master IDE controller.
- USB controller 1.1 (expanded capabilities for 4 ports).
- I/O APIC.
- SMBus controller.
- FWH interface.
- LPC interface.
- AC'97 2.1 interface.
- PCI 2.2 interface.
- Integrated system management controller.

FSB

- Support 100MHz FSB
- Support 400MHz Intel NetBurst micro-architecture bus.

Main Memory

- Supports four memory banks 3 SDRAM DIMMs.
- Supports up to 3GB PC-100/PC-133 SDRAMs.

Slots

- Three PCI 2.2 32-bit Master PCI bus slots (support 3.3V/5V PCI bus interface).
- One AGP (Accelerated Graphics Port) 4x slot (1.5V only).
- Five PCI 2.2 32-bit Master PCI bus slots (support 3.3V/5V PCI bus interface).
- One CNR (Communication Network Riser) slot.

NOTE : If plugging in 3.3v AGP card system won't be powered on

On-Board IDE

- An IDE controller on the ICH2 chipset provides IDE HDD/CD-ROM with PIO, Bus Master and Ultra DMA66/100 operation modes.
- Can connect up to four IDE devices.

Audio

AC-97 2.1 Codec on board

On-Board Peripherals

On-Board Peripherals include:

- 1 floppy port supports 2 FDDs with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes.
- 2 serial ports (COM A + COM B).
- 1 parallel port supports SPP/EPP/ECP mode.
- 1 IrDA connector for SIR/ASKIR/HPSIR.
- 1 audio/game port.
- 4 USB ports (2 on board, 2 extendable)

BIOS

- The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.

Dimension

30.5 cm(L) x 21cm(W) ATX Form Factor

Special Options

Realtek 8100B on board option