

## F845MGL Pentium 4 Motherboard

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### Picture N/A Key Features

Micro-ATX form factor

Intel 845GL+ICH4 Chipset

Support Intel P4 processor with 400MHZ system bus

Support maximum 2GB DDR266 SDRAM with 2 DIMMs

Support one 15 pins VGA port for integrated graphics

Support 3 PCI slots

Support 6 USB 2.0 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? 845G (760 FCBGA) Chipset

- Supports high performance integrated graphics display
- Supports DDR SDRAM at 200/266MHz operation (DDR200/DDR266).
- 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 ICH4.

Intel? ICH4 (421EBGA) Chipset

- Upstream hub interface for access to the Intel MCH.
- 2-channel Ultra ATA/100 Bus Master IDE controller.
- USB 2.0 controllers with 4 ports on board (can expand to 6 ports).
- I/O APIC.
- SMBus controller.
- FWH interface.
- LPC interface.
- AC'97 2.2 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 184-pin 2 DDR DIMMs.
- Supports up to 2GB PC2100/PC1600 DDR SDRAMs.
- Supports 2.5V DDR SDRAM.

### Slots

- Three PCI 2.2 32-bit Master PCI bus slots (support 3.3V/5V PCI bus interface).

### On-Board IDE

- An IDE controller on the ICH4 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 2.2 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.
- 1 VGA port for 845G chipset integrated graphics output
- 1 serial ports (COM A) and can extend one more( COM B).
- 1 parallel port supports SPP/EPP/ECP mode.
- 1 IrDA head for SIR/ASKIR/HPSIR.
- 1 Audio
- 1 extend Game port
- 6 USB 2.0 ports(4 on board, 2 extend )
- 1 RJ45 LAN port( only for LAN on board request)

## BIOS

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

## Dimension

24.5 cm(L) x 24.5 cm(W) Micro-ATX Form Factor

## Special Options

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