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F648 Motherboard

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• Key Features

- **ATX form factor**
- **Support Intel P4 Socket 478**
- **Support 3 DIMMs(DDR 266/333)**
- **Support one 4x/8x AGP Slot**
- **Support 6 PCI Bus Master Slot**
- **Support ATA-133 Hard Driver**
- **Support USB 2.0 6 Ports**
- **Support AC-97 Audio (6-Channel; 5.1 speaker)**
- **On board 10/100 Mbps LAN (Option)**
- **On board IEEE1394 (Option)**

• CPU

- Support Intel Pentium 4 processors;FSB 400/533MHz.
- Support up to 2.53GHz processor and higher.

• Chipset

- SiS® 648 Chipset
- FSB @400/533MHz
- AGP 4X/8X and PCI Advanced high performance memory controller.

- SiS® 963 Chipset
- Integrated Faster Ethernet LPC
- Integrated Hardware Sound Blaster/Direct Sound AC97 audio.
- Ultra DMA 66/100/133 master mode PCI EIDE controller.
- Supports AC'97 V2.2 audio codec and modem codec.
- ACPI

● **FSB**

- 100/133 (400/533)MHz clocks are supported.

● **Main Memory**

- Support six memory banks using three 184-pin DDR DIMMs.
- Support a maximum memory size up to 3GB.
- Support 2.5v DDR200/266/333 DDR SDRAM DIMM.
- Over clock DDR400.

● **Slots**

- One AGP (Accelerated Graphics Port) slot.
- * AGP 3.0 4X/8X specification compliant.
- Six 32-bit Master PCI Bus slots.
- Supports 3.3V/5V PCI bus Interface.

● **On-Board IDE**

- An IDE controller on the SiS963 chipset provides IDE HDD/CD-ROM with PIO, Bus Master and Ultra DMA 66/100/133 operation modes
- Can connect up to 4 IDE devices.

● **Audio**

- Integrated AC-97 audio Chipset
- Direct Sound AC'97 Audio.
- Support 6 Channel.

● **On-Board Peripherals**

- 1 floppy port supports 2 FDD with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes
- 2 serial ports (COMA and COMB)
- 1 parallel port supporting SPP/EPP/ECP mode
- 1 IrDA connector for SIR/ASKIR/HPSIR
- 1 Audio/Game port
- 6 USB 2.0 ports (4 on board, 2 extend)
- 1 RJ45 LAN connector for LAN on board option.
- 2 1394 connector(option).
- Case open.

● **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 22 cm(W) ATX Form Factor.

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I will try to satisfy everybody's needs.