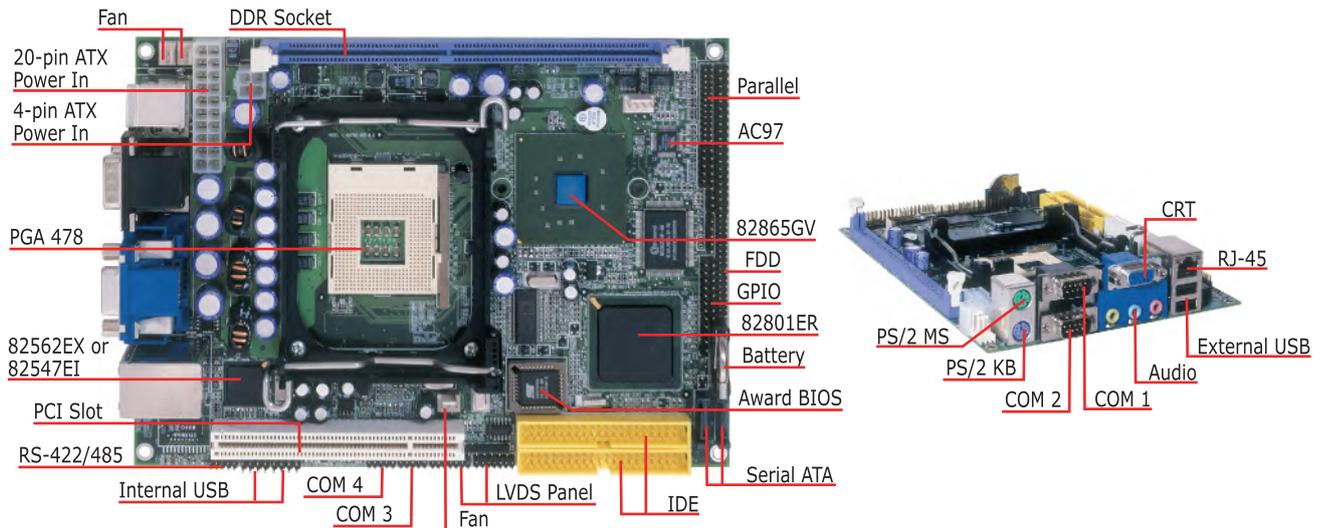


Embedded Engine Board HS-4703

- 800MHz FSB
- Audio
- WDT
- DDR
- Serial ATA
- H/W Monitor
- PCI Slot
- ATA/33/66/100
- CRT/LVDS Panel
- RS-232/422/485
- TV-Out
- 4 COM
- Giga LAN
- USB2.0

800MHz FSB Pentium 4 Embedded Engine Board with Serial ATA, CRT/LVDS Panel, Audio, Giga LAN, TV-Out & USB2.0



■ Features

- PGA 478 for Intel Pentium 4 up to 3.06GHz CPU
- Supports 400/533/800MHz FSB
- One DDR socket with a max. capacity of 1GB
- Intel 82865GV/82801ER system chipset
- Winbond W83627HF, Fintek F81216D super I/O chipset
- Intel 82865GV display controller
- Intel 82562EX or 82547EI LAN controller
- AC97 3D audio controller
- Serial ATA controller
- Fast PCI ATA/33/66/100 IDE controller
- Four COM, eight USB2.0 ports
- Hardware Monitor function
- LVDS Panel display interface (optional)
- TV-Out function (optional)

■ Specifications

- ***CPU:** PGA 478 for Intel Pentium 4 (Northwood/0.13micron/512KB L2 cache) CPU up to 3.06GHz
- ***Front Side Bus:** Supports 400/533/800MHz FSB
- ***Memory:** One DDR socket supporting DDR-333/400 up to 1GB
- ***Chipset:** Intel 82865GV/82801ER
- ***I/O Chipset:** Winbond W83627HF, Fintek F81216D
- ***PCI Slot:** One standard PCI slot
- ***VGA:** Intel 82865GV with 1MB/8MB/16MB shared main memory supporting CRT display up to 1600 x 1200 at 32-bit colors at 60Hz
- ***LVDS Panel:** Supports 24-bit dual channel LVDS interface (optional)
- ***TV-Out:** Supports PAL or NTSC TV systems (optional)
- ***LAN:** Intel 82562EX 10/100 Based or 82547EI 100/1000 Based LAN
- ***Audio:** AC97 3D audio controller
- ***Serial ATA:** Intel ICH5 controller and with two ports supporting transfer rate up to 150MB/sec.
- ***IDE:** Four IDE disk drives supporting ATA/33/66/100 and with transfer rates of 33/66/100MB/sec.
- ***FDD:** Supports up to two floppy disk drives
- ***Parallel:** One enhanced bi-directional parallel port supporting SPP/ECP/EPP
- ***Serial Port:** 16C550 UART-compatible RS-232/422/485 x 1 and RS-232 x 3 serial ports with 16-byte FIFO
- ***USB:** Eight USB2.0 ports, six internal and two external
- ***Keyboard:** PS/2 6-pin Mini DIN
- ***Mouse:** PS/2 6-pin Mini DIN
- ***BIOS:** Award PnP Flash BIOS
- ***Watchdog Timer:** Software programmable time-out intervals from 1~256 sec.
- ***CMOS:** Battery backup
- ***Temperature:** 0~+60°C (operating); -20~+80°C (storage)
- ***Hardware Monitor:** Winbond W83627HF
- ***Dimensions:** 20.3(L) x 14.6(W) x 3.3(H) cm

■ Ordering Guide

- **HS-4703** 800MHz FSB P4 SBC w/Serial ATA, CRT/LVDS, Audio, LAN, 4C/485 & USB2.0

Accessory Options:

- 251-10301001** 1U high, CPU cooler for PGA 478 1.7~2.4GHz CPU
- 251-10410001** 2U high, CPU cooler for PGA 478 2.4~3.06GHz CPU



ISO:9001
Certification

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