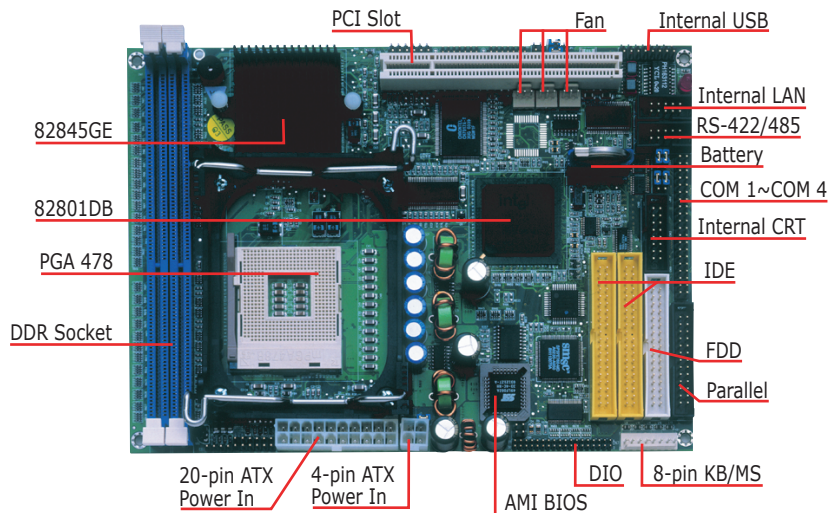


Embedded Engine Board HS-4701

- 533MHz FSB
- LAN
- WDT
- DDR
- Audio
- H/W Monitor
- PCI Slot
- ATA/33/66/100
- DIO
- RS-232/422/485
- CRT/LVDS Panel
- 4 COM
- TV-Out
- USB2.0

533MHz FSB Pentium 4 Embedded Engine Board with DIO, CRT/LVDS Panel, Audio, LAN, TV-Out & USB2.0



■ Features

- PGA 478 for Intel Pentium 4 CPU up to 3.06GHz
- Supports 400/533MHz FSB
- Two DDR sockets with a max. capacity of 2GB
- Intel 82845GE/82801DB system chipset
- Winbond W83627, SMC SP37E760 super I/O chipset
- Intel 82845GE display controller
- Intel 82562 LAN controller
- AC97 3D audio controller

- Fast PCI ATA/33/66/100 IDE controller
- Four COM, two USB2.0 ports
- Hardware Monitor function
- LVDS Panel display interface (optional)
- 8-bit Digital Input and 16-bit Digital Output function (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 400/533MHz FSB
- ***Memory:** Two DDR sockets supporting up to 2GB
- ***Chipset:** Intel 82845GE/82801DB
- ***I/O Chipset:** Winbond W83627, SMC SP37E760
- ***PCI Slot:** One standard PCI slot
- ***Digital I/O:** 8-bit digital input and 16-bit digital output port (optional)
- ***VGA:** Intel 82845GE with 1MB or 8MB memory supporting CRT display up to 1280 x 1024 at 32-bit colors
- ***LVDS Panel:** Supports LVDS interface (optional)
- ***TV-Out:** Supports PAL or NTSC TV systems (optional)
- ***LAN:** Intel 82562 10/100 Based LAN
- ***Audio:** AC97 3D audio controller
- ***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:** Two internal USB2.0 ports
- ***Keyboard/Mouse:** 8-pin connector supporting standard PC/AT keyboard and PS/2 mouse
- ***BIOS:** AMI PnP Flash BIOS
- ***Watchdog Timer:** Software programmable time-out intervals from 1~256 sec.
- ***CMOS:** Battery backup
- ***Temperature:** -15~+60°C (operating)
- ***Hardware Monitor:** Winbond W83627
- ***Dimensions:** 20.3(L) x 14.6(W) cm

■ Ordering Guide

- **HS-4701** P4 SBC w/DIO, CRT/LVDS, Audio, LAN, TV-Out, 4C/485, & USB2.0
- **HS-4701LVA** P4 SBC w/DIO, CRT, Audio, LAN, 4C/485, & USB2.0
- **HS-4701LV** P4 SBC w/CRT, 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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