

Embedded Engine Board

HS-4701

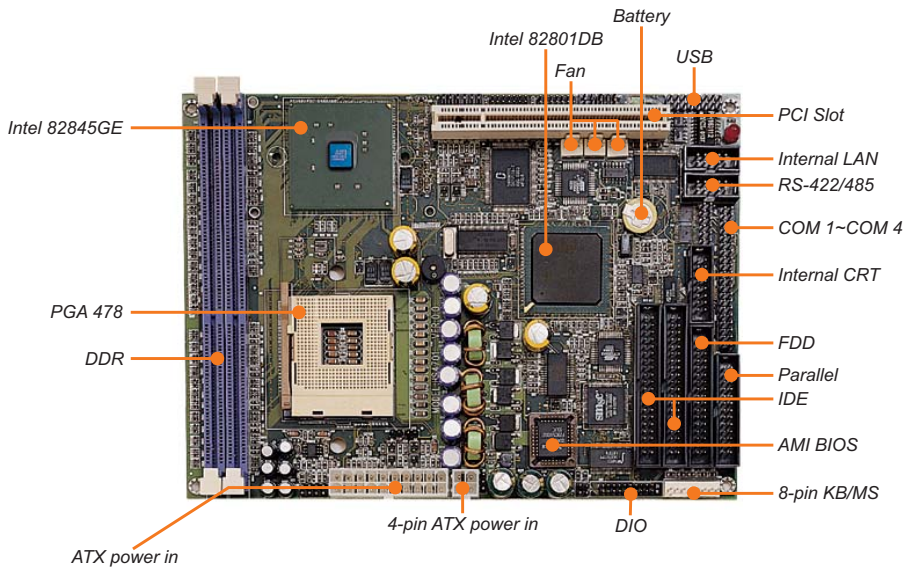
Pentium 4 Embedded Engine Board with CRT/LVDS Panel, Audio, LAN, DIO & TV-Out

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

**Mini AGP!!
DDR Module!!
USB2.0!!**

★ Ordering Guide

- **HS-4701**
Pentium 4 Embedded Engine Board with CRT/LVDS Panel, Audio & LAN



★ Features

- PGA 478 for Intel Pentium 4 up to 2.4GHz (400MHz FSB)/ 3.06GHz (533MHz FSB) CPU
- Two DDR sockets with a max. capacity of 2GB
- Intel 82845GE/82801DB system chipset
- Winbond W83627 and SMC SP37E760 super I/O chipset
- Intel 82845GE CRT display controller
- Intel 82562 10/100 Based LAN
- AC97 3D audio controller
- Fast PCI ATA/33/66/100 IDE controller
- Four COM, two USB2.0 connectors
- Supports LVDS Panel interface
- Supports Hardware Monitor
- Supports 16-bit Digital Input/Output function (optional)
- Supports TV-Out function (optional)

★ Specifications

- * **CPU:** PGA 478 for Intel Pentium 4 up to 2.4GHz (400MHz FSB)/ 3.06GHz (533MHz FSB) CPU
- * **Bus Interface:** PCI and Mini AGP Bus
- * **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:** 16-bit digital input/output port (optional)
- * **VGA:** Intel 82845GE with 1MB or 8MB memory supporting CRT display up to 1280 x 1024 at 32-bit colors
- * **Panel Display:** Supports LVDS Panel interface
- * **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 USB2.0 connectors
- * **Keyboard/Mouse:** 8-pin connector supporting standard PC/AT keyboard and PS/2 mouse
- * **BIOS:** AMI PnP Flash BIOS
- * **Watchdog Timer:** Software programable time-out intervals from 1~256 sec.
- * **CMOS:** Battery backup
- * **Power Connector:** One 4-pin and one 20-pin ATX power connectors
- * **Operating Temperature:** -15~+60°C
- * **Hardware Monitor:** Winbond W83627
- * **Dimensions:** 20.3 x 14.6 cm



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