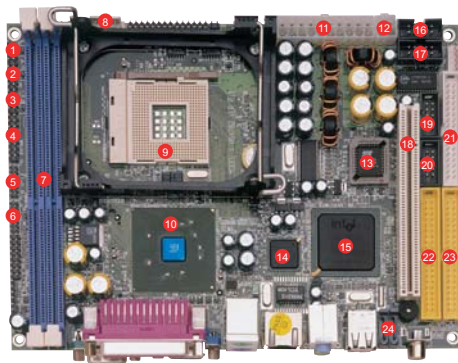


Embedded Engine Board

HS-4702

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

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



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|--------------------------|-----------------------------|------------------|---------------|---------------------|
| 1 Internal USB | 8 Fan | 15 Intel 82801ER | 22 IDE | 29 PS/2 Keyboard |
| 2 Internal USB | 9 PGA 478 | 16 COM 4 | 23 IDE | 30 RJ-45 |
| 3 Internal USB | 10 Intel 82865GV | 17 COM 2 | 24 Serial ATA | 31 MIC In/Audio Out |
| 4 GPIO | 11 20-pin ATX Power In | 18 PCI Slot | 25 Parallel | 32 External USB |
| 5 48-bit Panel Connector | 12 4-pin ATX Power In | 19 COM 3 | 26 COM 1 | 33 RCA |
| 6 48-bit Panel Connector | 13 Award BIOS | 20 RS-422/485 | 27 CRT | |
| 7 DDR Socket | 14 Intel 82562EX or 82547EI | 21 Floppy | 28 PS/2 Mouse | |

★ Ordering Guide

- **HS-4702**
800MHz FSB Pentium 4 Embedded Engine Board with CRT/LVDS Panel, Audio & LAN

★ Features

- PGA 478 for Intel Pentium 4 up to 2.8GHz CPU
- Supports 400/533/800MHz FSB
- Two DDR sockets with a max. capacity of 2GB
- Intel 82865GV/82801ER system chipset
- Winbond W83627HF and Fintek F81216D super I/O chipset
- Intel 82865GV CRT display controller
- Intel 82562EX 10/100 Based or 82547EI 100/1000 Based LAN

- AC97 3D audio controller
- Supports Serial ATA controller
- Fast PCI ATA/33/66/100 IDE controller
- Four COM, eight USB2.0 connectors
- Supports Hardware Monitor
- Supports LVDS Panel interface (optional)
- Supports TV-Out function (optional)

★ Specifications

- * **CPU:** PGA 478 for Intel Pentium 4 up to 2.8GHz CPU
- * **Bus Interface:** PCI Bus
- * **Front Side Bus:** Supports 400/533/800MHz FSB
- * **Memory:** Two DDR sockets supporting DDR-333/400 up to 2GB
- * **Chipset:** Intel 82865GV/82801ER
- * **I/O Chipset:** Winbond W83627HF and Fintek 81216D
- * **PCI Slot:** One standard PCI slot
- * **VGA:** Intel 82865GV supporting CRT display up to 1600 x 1200
- * **LVDS Panel:** Supports 48-bit dual channel LVDS Panel 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 connectors
- * **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
- * **Power Connector:** One 20-pin and one 4-pin ATX power connector
- * **Temperature:** 0~60°C (operating); -20~+80°C (storage)
- * **Hardware Monitor:** Winbond W83627HF
- * **Dimensions:** 20.3(L) x 14.6(W) x 3.32(H) cm