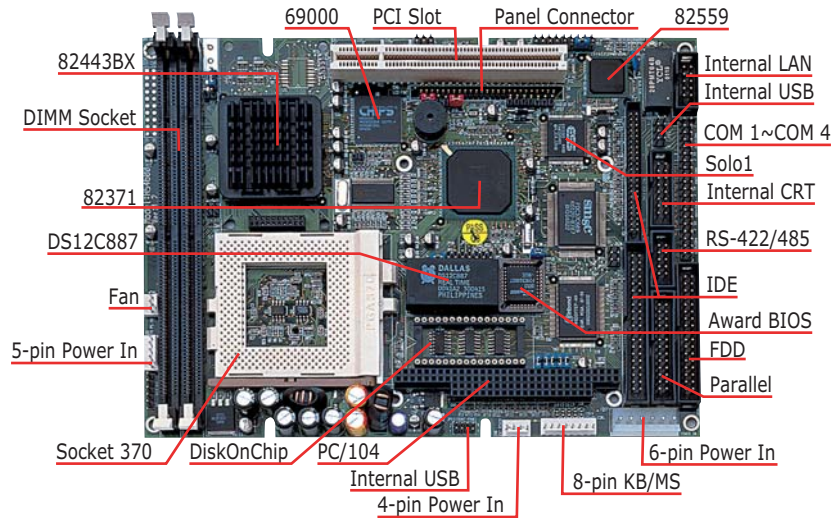


Embedded Engine Board HS-4600

- 133MHz FSB
- LAN
- USB
- PCI Slot
- Audio
- DOC
- DIO
- RS-232/422/485
- WDT
- GPS
- 4 COM
- H/W Monitor
- CRT/Panel
- PC/104
- TV-Out
- IrDA

Socket 370 133MHz FSB Embedded Engine Board with GPS, CRT/Panel, Audio, LAN, DIO & TV-Out



■ Features

- Socket 370 for Intel Celeron/Coppermine 566MHz~1GHz CPU
- Supports 100/133MHz FSB
- Two DIMM sockets with a max. capacity of 512MB
- Intel 82443BX/82371 system chipset
- SMC 37C669 super I/O chipset
- C&T 69000 CRT/Panel display controller
- Intel 82559 10/100 Based LAN
- ESS Solo1 3D audio controller
- Four COM, two USB connectors
- PC/104 Bus, Rockwell GPS connector
- DiskOnChip socket supporting memory sizes of up to 288MB
- Supports Hardware Monitor
- Supports 8-bit Digital Input/Output function (optional)
- Supports TV-Out function (optional)

■ Specifications

- ***CPU:** Socket 370 for Intel Celeron/Coppermine 566MHz~1GHz CPU
- ***Front Side Bus:** Supports 100/133MHz FSB
- ***Memory:** Two DIMM sockets supporting up to 512MB
- ***Chipset:** Intel 82443BX/82371
- ***I/O Chipset:** SMC 37C669
- ***PCI Slot:** One standard PCI slot
- ***Digital I/O:** 8-bit digital input/output port (optional)
- ***GPS:** Supports one Rockwell GPS module compatible socket
- ***VGA:** C&T 69000 with 2MB memory supporting CRT/Panel displays up to 1280 x 1024 at 256 colors
- ***TV-Out:** Supports PAL or NTSC TV systems (optional)
- ***LAN:** Intel 82559 10/100 Based LAN
- ***Audio:** ESS Solo1 3D audio controller
- ***IDE:** Four IDE disk drives supporting ATA/33 and with a transfer rate of 33MB/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
- ***IrDA:** One IrDA TX/RX header
- ***USB:** Two USB connectors
- ***Keyboard/Mouse:** 8-pin connector supporting standard PC/AT keyboard and PS/2 mouse
- ***DiskOnChip:** DiskOnChip socket supporting memory sizes of up to 288MB
- ***BIOS:** Award PnP Flash BIOS
- ***Watchdog Timer:** Sets 1/2/10/20/110/220 seconds activity trigger with Reset or NMI
- ***CMOS:** DS12C887 or equivalent device
- ***Power Connector:** One 4-pin +5V/+12V and one 4-pin -5V/-12V power connector
- ***Temperature:** 0~+60°C (operating)
- ***Hardware Monitor:** Winbond W83786S
- ***Dimensions:** 20.3(L) x 14.6(W) cm

■ Ordering Guide

- **HS-4600** Socket 370 133MHz FSB SBC w/GPS, CRT/Panel, Audio, LAN, & 4C/485
- **HS-4600DIO** Socket 370 133MHz FSB SBC w/GPS, CRT/Panel, Audio, LAN, DIO, & 4C/485



ISO-9001
Certification

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