Embedded Engine Board

HS-2604
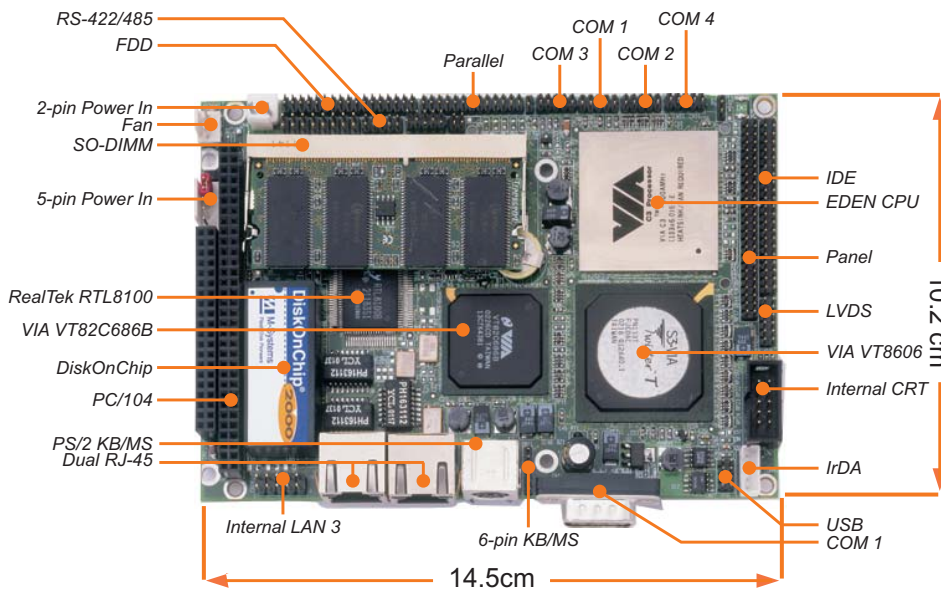
EDEN Embedded Engine Board with CRT/Panel & three LAN

★ Mini PCI	★ ATA/33/66/100	★ USB
★ 133MHz FSB	★ RS-232/422/485	★ DOC
★ SO-DIMM	★ 4 COM	★ WDT
★ CRT/Panel	★ PC/104	★ Single +5V
★ Three LAN	★ IrDA	★ H/W Monitor

Labels: RS-422/485, FDD, 2-pin Power In, Fan, SO-DIMM, 5-pin Power In, RealTek RTL8100, VIA VT82C686B, DiskOnChip, PC/104, PS/2 KB/MS, Dual RJ-45, Internal LAN 3, 6-pin KB/MS, Parallel, COM 3, COM 1, COM 2, COM 4, IDE, EDEN CPU, Panel, LVDS, VIA VT8606, Internal CRT, IrDA, USB, COM 1, 10.2 cm, 14.5cm

Low Power!! Single +5V!!

★ Ordering Guide

● **HS-2604**
EDEN 667MHz Embedded Engine Board with CRT/Panel & Three LAN

● **HS-2604/400**
EDEN 400MHz Embedded Engine Board with CRT/Panel & Three LAN

★ Features

- VIA EDEN 400/667MHz low power embedded CPU
- Mini PCI Local Bus support
- Supports 100/133MHz FSB
- One SO-DIMM socket with a max. capacity of 256MB
- VIA VT8606/VT82C686B system chipset
- SMC 37C669 and VIA VT82C686B super I/O chipset
- VIA VT8606 CRT/Panel display controller
- Three RealTek RTL8100 10/100 Based LAN
- Fast PCI ATA/33/66/100 IDE controller
- Four COM, two USB connectors
- PC/104 Bus connector
- DiskOnChip socket supporting memory sizes of up to 288MB
- Supports Single +5V power in
- Supports Hardware Monitor

★ Specifications

- **CPU:** VIA EDEN 400/667MHz low power embedded CPU
- **Bus Interface:** Mini PCI Local Bus
- **Memory:** One SO-DIMM socket supporting up to 256MB
- **Chipset:** VIA VT8606/VT82C686B
- **I/O Chipset:** SMC 37C669, VIA VT82C686B
- **VGA:** VIA VT8606 integrated S3 3D supporting AGP Bus
- **LAN:** Three RealTek RTL8100 10/100 Based LAN
- **IDE:** Two 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
- **PC/104:** PC/104 Bus connector for 16-bit ISA Bus
- **IrDA:** One IrDA TX/RX header
- **USB:** Two USB connectors
- **Keyboard/Mouse:** PS/2 6-pin Mini DIN or 6-pin header
- **DiskOnChip:** DiskOnChip socket supporting memory sizes of up to 288MB
- **BIOS:** AMI PnP Flash BIOS
- **Watchdog Timer:** Sets 1/2/10/20/110/220 seconds activity trigger with Reset or NMI
- **CMOS:** Battery backup
- **Power:** Single +5V/3.2A power in
- **Operating Temperature:** -15~+60°C
- **Hardware Monitor:** VIA VT82C686B
- **Dimensions:** 14.5 x 10.2 cm

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