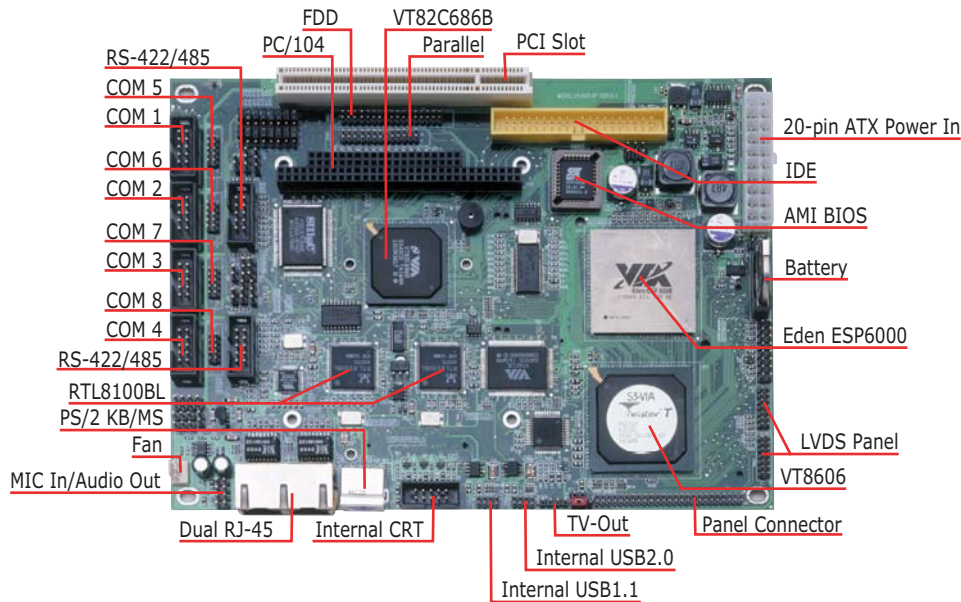


Embedded Engine Board HS-4655

- CompactFlash
- Mini PCI
- 133MHz FSB
- SO-DIMM
- CRT/LVDS Panel
- TV-Out
- Dual LAN
- Audio
- ATA/33/66/100
- RS-232/422/485
- 8 COM
- USB2.0
- PC/104
- WDT
- H/W Monitor

Eden Embedded Engine Board with CompactFlash Reader, CRT/Panel/LVDS Panel, Audio, Dual LAN, TV-Out & USB2.0



■ Features

- VIA Eden 667MHz low power embedded CPU
- Supports 100/133MHz FSB
- One SO-DIMM socket with a max. capacity of 256MB
- VIA VT8606/VT82C686B system chipset
- VIA VT82C686B, SMC 37C669, XR17D154CV super I/O chipset
- VIA VT8606 CRT/Panel display controller
- Dual RealTek RTL8100BL 10/100 Based LAN
- AC97 3D audio controller
- Fast PCI ATA/33/66/100 IDE controller
- Eight COM, four USB ports
- PC/104 Bus connector
- Supports Hardware Monitor
- Supports CompactFlash card adapter (optional)
- Supports LVDS Panel interface (optional)
- Supports TV-Out function (optional)

■ Specifications

- ***CPU:** VIA Eden 667MHz low power embedded CPU
- ***Memory:** One SO-DIMM socket supporting up to 256MB
- ***Chipset:** VIA VT8606/VT82C686B
- ***I/O Chipset:** VIA VT82C686B, SMC 37C669, XR17D154CV
- ***CompactFlash:** One, Type II IDE interface adapter (optional)
- ***PCI Slot:** One, Type I mini PCI slot (optional)
- ***VGA:** VIA VT8606 with 32MB shared main memory supporting CRT/Panel displays up to 1280 x 1024 at 24bpp colors(CRT)/1024 x 768 at 18bpp colors(Panel)
- ***LVDS Panel:** Supports LVDS interface (optional)
- ***TV-Out:** Supports PAL or NTSC TV systems (optional)
- ***LAN:** Dual RealTek RTL8100BL 10/100 Based LAN
- ***Audio:** AC97 3D audio controller
- ***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 2 and RS-232 x 6 serial ports with 16-byte FIFO
- ***USB:** Two internal USB1.1 and two internal USB2.0 ports
- ***PC/104:** PC/104 Bus connector for 16-bit ISA Bus
- ***Keyboard/Mouse:** PS/2 6-pin Mini DIN
- ***BIOS:** AMI PnP Flash BIOS
- ***Watchdog Timer:** Sets 1/2/10/20/110/220 seconds activity trigger with Reset or NMI
- ***CMOS:** Battery backup
- ***Temperature:** 0~+60°C (operating)
- ***Hardware Monitor:** VIA VT82C686B
- ***Dimensions:** 20.3(L) x 14.6(W) cm

■ Ordering Guide

- **HS-4655** Eden SBC w/CF, CRT/Panel, Audio, Dual LAN, TV-Out, 8C/485, & USB2.0
- **HS-4655LV** Eden SBC w/CF, CRT/Panel, LAN, 8C/485, & USB2.0



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