

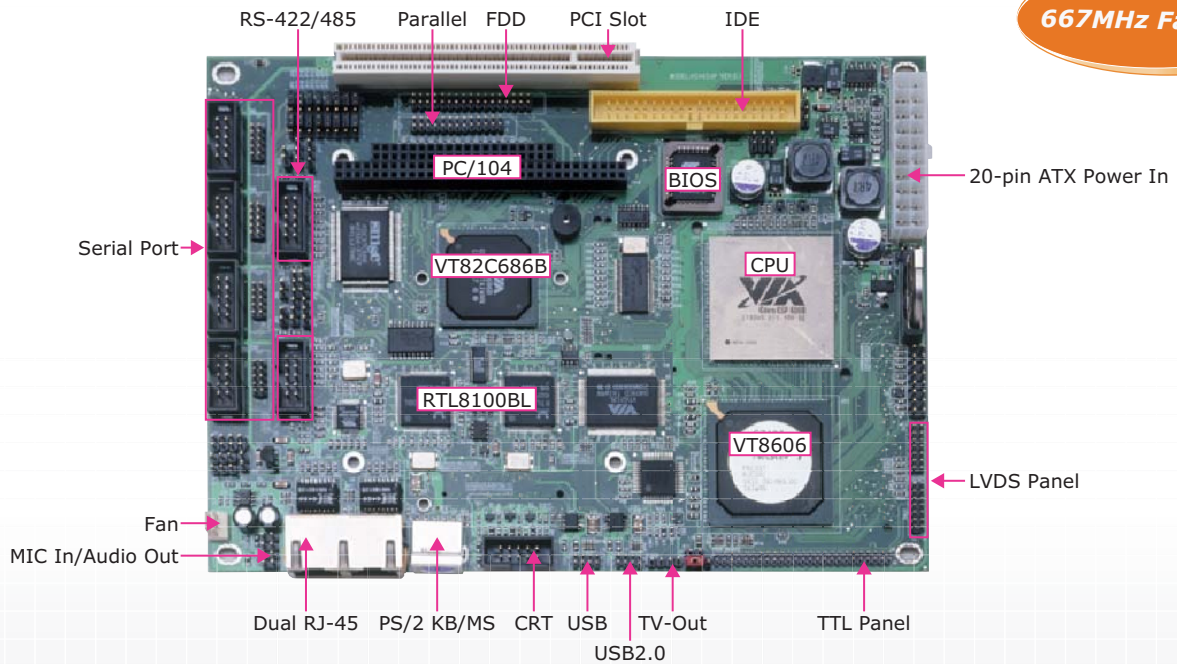
# HS-4655

Eden processor Embedded Engine Board with CF, CRT/Panel/LVDS, TV-Out, Dual LAN, Audio, USB2.0

Single Board Computer

5.25" Embedded Engine Board

667MHz Fanless!!



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

## FEATURES

- VIA Eden processor 667MHz/1GHz
- Two SO-DIMM sockets with a max. capacity of 1GB
- VIA VT8606/VT82C686B chipset
- VIA VT82C686B, SMC 37C669, XR17D154CV super I/O chipset
- VIA VT8606 graphics controller
- 18-bit/36-bit LVDS panel display interface
- Dual RealTek RTL8100BL Ethernet controller
- AC97 3D audio controller
- Fast PCI ATA/33/66/100 IDE controller
- CF, 4/8 COM, 4 USB, PC/104
- TV-Out, Hardware Monitor function

## ORDERING GUIDE

- HS-4655/667**  
Eden 667MHz SBC w/CF, CRT/Panel/LVDS, TV-Out, Dual LAN, Audio, 4C/485, USB2.0
- HS-4655/667+8COM**  
Eden 667MHz SBC w/CF, CRT/Panel/LVDS, TV-Out, Dual LAN, Audio, 8C/485, USB2.0
- HS-4655/1GHz**  
Eden 1GHz SBC w/CF, CRT/Panel/LVDS, TV-Out, Dual LAN, Audio, 4C/485, USB2.0

## SPECIFICATIONS

- CPU:** VIA Eden processor 667MHz/1GHz
- Memory:** Two SO-DIMM sockets supports up to 1GB
- Chipset:** VIA VT8606/VT82C686B
- I/O Chipset:** VIA VT82C686B, SMC 37C669, XR17D154CV
- CompactFlash:** One Type I/II IDE interface adapter
- PCI Slot:** One standard PCI slot OR one Type I mini PCI slot
- VGA:** VIA VT8606 with 32MB shared main memory supports CRT/Panel display up to 1280 x 1024 at 24bpp colors (CRT)/1024 x 768 at 18bpp colors (Panel)
- LVDS Panel:** Supports 18-bit single channel/36-bit dual channel LVDS interface
- TV-Out:** Supports PAL or NTSC TV systems
- Ethernet:** Dual RealTek RTL8100BL 10/100 Based LAN
- Audio:** AC97 3D audio controller
- IDE:** One 2.54-pitch 40-pin IDE connector
- FDD:** Supports up to two floppy disk drives
- Parallel:** One enhanced bi-directional parallel port supports 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 (8 COM needs by order)
- PC/104:** PC/104 Bus connector for 16-bit ISA Bus
- USB:** 4 internal USB ports, USB1.1 x 2 and USB2.0 x 2
- Keyboard/Mouse:** PS/2 6-pin Mini DIN or 6-pin connector
- 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