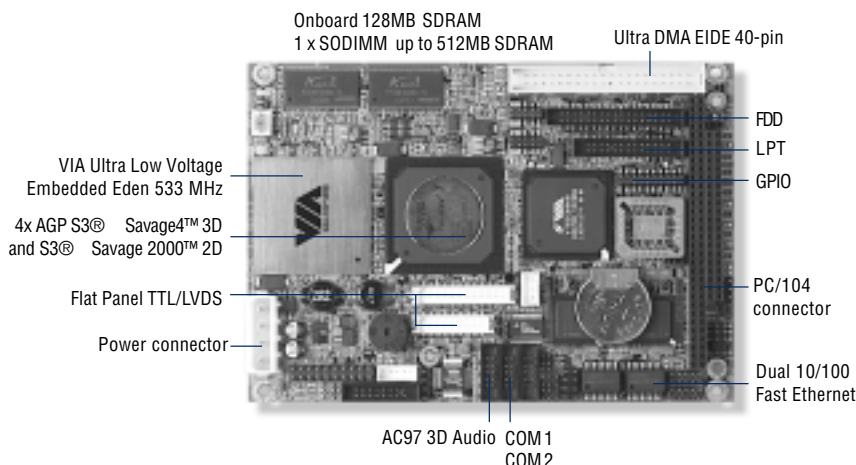


EmCORE-v611

3.5" VIA Eden Miniboard with Flat Panel / CRT, Audio and Dual LAN



Features

- ★ Fanless VIA Eden ESP 5000 at 533 MHz (800 MHz option)
- ★ 128 MB SDRAM soldered onboard, additional 512 MB on SODIMM
- ★ Flat Panel / CRT (TTL and LVDS)
- ★ Dual LAN 10/100 Mbps, based on Intel 82559 or RTL8100BL
- ★ Less than 12 Watt power consumption
- ★ Support Unique Board ID# for software based security and IP protection

Specifications

System

- **CPU:** VIA Eden ESP 5000 Low Voltage CPU 533 MHz, FSB 133 MHz 64 KB L2 cache, Fanless operation
OEM Optional: 800 Mhz version (requires fan)
- **System Memory:** 128 MB SDRAM soldered onboard and one SODIMM socket for up to 512 MB of additional SDRAM Optional 64 MB SDRAM soldered onboard
- **L2 Cache:** 64kB integrated in CPU
- **Chipset :** VIA Twister-T™ with VT8606 northbridge and VT82C686B super southbridge
- **Enhanced IDE:** 1 port and up to four ATAPI devices, Ultra DMA-33
- **BIOS:** Award Flash BIOS with ACPI and APM 1.2 power management
- **Watchdog Timer:** 128-level timer
- **Expansion:** PC/104 (ISA)

Multiple I/O

- **Serial:** 1 high speed RS-232C ports (COM1), 1 high speed RS-232C/422/485 port (COM2)
- **Parallel:** SPP, EPP and ECP mode
- **Enhanced IDE:** 1 port and up to 2 ATAPI devices, Ultra DMA transfer 33 MB/sec
- **Floppy:** 1 port up to 2 floppy disk drives
- **IrDA:** Onboard IrDA TX/RX port
- **USB:** 4 USB v1.1 ports
- **K/B & Mouse:** PS/2 KB/Mouse port
- **GPIO:** 16-bit GPIO

LAN

- **Chipset:** Dual 10/100 Mbps LAN based on RTL8100BL
- **Connector:** External RJ-45 with LEDs

Audio

- **Chipset:** AC'97 2.2 compliant
- **Audio Controller:** Line-in, CD Audio in, Mic in, Speaker out

Flash Disk

- CompactFlash Type I/II

Display

- **Chipset:** UMA Savage 4 (VT8606T) AGP Video Controller with TTL, LVDS and CRT support
- **Display Memory:** Up to 32 MB UMA Video RAM
- **CRT:** Up to UXGA 1600x1200 @ 32bpp
- **TTL:** Direct connection to TFT/DSTN panels (36-bit)
- **LVDS:** Single channel (18-bit)

Mechanical and Environment

- **Power Requirement:** +5 V @ 3.41 (MAX); (with VIA Eden 533 MHz and 128 MB SDRAM)
- **Operating Temperature:** 0 ~ 60°C (32 ~ 140°F)
- **Relative Humidity:** Up to 90% @ 55°C
- **Dimension (L x W):** 145 x 102 mm (5.7" x 4")
- **Weight:** 0.18 Kg (0.41 lb)

Ordering Information

EmCORE-v611VL2N/E533

3.5" Embedded VIA Eden 533 MHz miniboard with 128 MB SDRAM, Dual Intel 82559 Fast Ethernet, AC97 3D Audio, PC/104 and Compact Flash Interface (OEM)

EmCORE-v611VL2R/E533

Same as above with dual Realtek 8100BL Fast Ethernet Interface

Cable Kit

6910906110000

SCDB-1271

DC to DC power module
Cooling Option

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