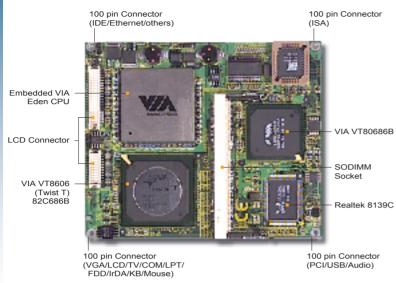
VIA Eden ETX CPU Module with LCD. **Ethernet and Audio**









Features

- Onboard VIA Eden EBGA mobile CPU
- Integrated AGP 4X 2D/3D Graphics Accelerator
- 10/100Base-T Fast Ethernet
- Integrated AC97 2.0 SoundBlaster-compatible legacy audio
- Supports 36-bit TTL/LVDS/TV-out Interface
- One SDRAM SODIMM up to 512MB

Specifications

System

■ CPU

■ System Memory

■ Chipset

■ I/O Chipset

■ BIOS

■ Ethernet

■ Watchdog Timer ■ Expansion Interface

■ H/W Status Monitoring

VIA Eden mobile EBGA integrated processor

SDRAM SODIMM x 1, Max. 512MB

VT8606 / VT82C686B VIA VT82C686B

Award 256KB FLASH BIOS

RTL8139C/RTL8100BL

RJ-45 connector x 1 on the evaluation board

Can generates a system reset or NMI

Support PCI & ISA interface

Embedded in VIA VT82C686B supports power

supply voltages, fan speed, and temperature

monitorina

Mechanical and Environmental

■ Power Requirement (+5V Only)

14W typical (VIA Eden 533MHz with 256MB

SDRAM)

■ Size/Weight 4.5" (L) X 3.7" (W) (114mm x 94mm),

0.19 lb. (0.087kg)

■ Operating temperature

32°F to 140°F (0°C to 60°C)

■ Relatively Humidity

0% ~ 90% relative humidity

I/O

■ MIO EIDE (UDMA100) x 2. KB x 1. Mouse x 1.

RS-232 x 1, RS-232/422/485 x 1, Parallel x 1

■ IrDA Support SIR IrDA 1.1 compliant

Audio VIA VT82C686B with AC97 2.0 compliant audio

codec VT1612

■ USB Support 2 USB ports

Display

■ Chipset

■ Memory Size ■ Resolution

■ LCD Interface

■ TV-out

■ LVDS Interface

VIA VT8606 Integrated Savage4 2D/3D Video Accelerator, 4x AGP and 128 bit engine

Shared memory up to 32MB

Up to 1600x1200 @ 16bpp colors for CRT Up to 1024x768 @ 16bpp colors for LCD

18/36-bit TTL/dual channel LVDS TFT LCD Supports CRT and Flat panel simultaneously

VIA 1621 supports NTSC/PAL composite outputs

Supports By Carrier Board

Packing List

- Quick Installation Guide
- Utility CD

Ordering information

Standard

■ ETX-621-533

VIA Eden 533MHz ETX CPU Module with LCD,

LAN and Audio

■ ETX-621-300 VIA Eden 300MHz ETX CPU Module with LCD,

LAN and Audio

Optional

■ M166210000

Heat sink for FTX-621

■ ECB-2600 ATX Carrier Board for ETX CPU Modules with 6

Expansion Slots

■ SDRAM 32MB ~ 512MB