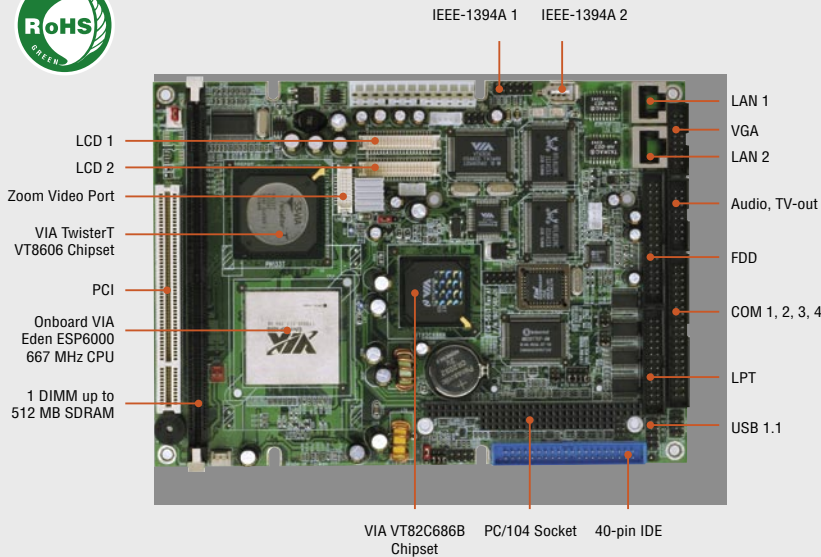




ECM-5613 5.25" VIA Eden ESP6000 Mini Module



Features

- Onboard VIA Eden ESP6000 667 MHz CPU
- VIA VT8606 Chipset
- 36-bit TFT, 2 x 18-bit LVDS
- AC97 Audio, TV-out
- Dual Realtek RTL8139C or Optional Intel® 82559/82559ER 10/100Mbps LAN
- 3 IEEE-1394A
- 1 PC/104, 1 PCI, Type I/II CF
- 4 COM, 2 USB 1.1
- Fanless Possible Operation



Specifications

System

• CPU	ECM-5613: Onboard VIA Eden ESP6000 667 MHz Optional onboard VIA C3 1 GHz or VIA Eden ESP4000 400 MHz Note: Available in different CPU speeds by request
• FSB	66/100/133 MHz
• BIOS	Award 256 KB Flash BIOS
• System Chipset	VIA TwisterT VT8606/VT82C686B
• I/O Chip	VIA VT82C686B/Winbond W83977EF-AW
• System Memory	One 168-pin DIMM socket supports up to 512 MB SDRAM
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 32 sec.~254 min. and 1 min./step
• Expansion	One PC/104 connector, one PCI slot (PCI Rev. 2.2 compliant)

I/O

• MIO	2 x EIDE (Ultra DMA 100), 2 x FDD, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x K/B, 1 x Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• USB	2 x USB 1.1 ports
• IEEE-1394A	VIA VT6306 PCI 1394A integrated host controller supports 3 x IEEE-1394A ports

Display

• Chipset	VIA VT8606 TwisterT with integrated S3 Savage4 2D/3D graphics engine
• Display Memory	8/16/32 MB frame buffer using system memory
• Resolution	CRT mode: 1920 x 1440 @ 16 bpp (60 Hz) LCD/Simultaneous mode: 1400 x 1050 @ 16 bpp (60 Hz)
• VGA/LCD Interface	AGP 4X VGA/LCD interface Supports 9/12/18/24/36-bit TFT and 16/24-bit color DSTN panels
• LVDS	Dual-channel 18-bit LVDS
• TV-out	VIA VT1621 TV encoder supports both NTSC/PAL Supports both S-video and composite video

Audio

• Chipset	VIA VT82C686B
• AC97 Codec	VIA VT1612A
• Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

• LAN	Dual Realtek RTL8139C Optional dual Intel®82559/82559ER
• Ethernet Interface	100Base-Tx Fast Ethernet compatible

Mechanical & Environmental

• Power Requirement	+5 V @ 4.77 A, +12 V @ 0.74 A (with VIA C3 1 GHz & 128 MB SDRAM)
• Power Type	AT/ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	8" x 5.75" (203 mm x 146 mm)
• Weight	0.88 lbs (0.4 Kg)

Ordering Information

- **ECM-5613**
5.25" VIA Eden ESP6000 667 MHz Mini Module with Heatsink, VGA, 2-CH LVDS, TV-out, Audio, Dual LAN, CF, PC/104, PCI, 4 COM, 2 USB 1.1 & 3 IEEE-1394A
- **ECM-5613-1G**
Same as ECM-5613, but with Onboard VIA C3 1 GHz & CPU Cooler
- **ECM-5613-E4**
Same as ECM-5613, but with Heatsink & VIA Eden ESP4000 400 MHz
- **ACC-56122-1**
Cable Kit for ECM-5612/5613 Series
- **ACC-CFC-xx**
CompactFlash Card (xx = Capacity, Capacity Option: 8, 16, 32, 64, 128, 256, 512 MB)