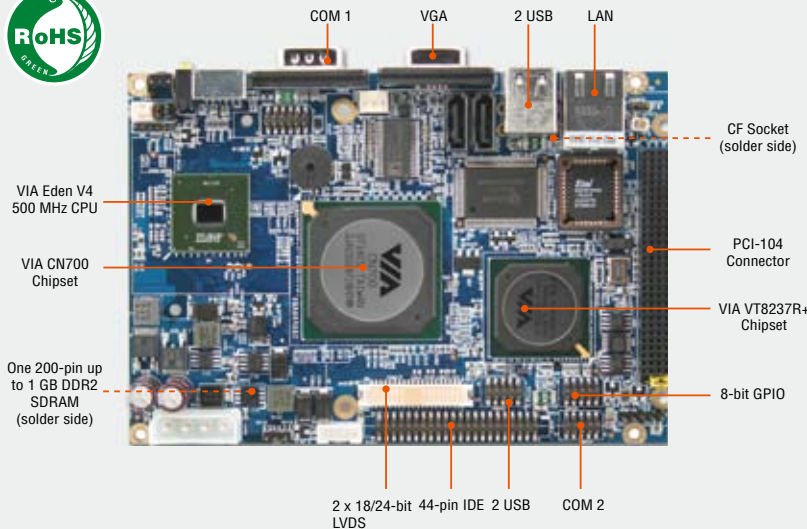




# ECM-CN700R

## 3.5" VIA CN700 Eden V4 500 MHz Micro Module



### Features

- Onboard VIA Eden V4 ULV 500 MHz CPU
- VIA CN700 / VT8237R+ Chipset
- One 200-pin SODIMM up to 1 GB DDR2 SDRAM
- Dual View, 2-CH LVDS, 2-CH Audio
- Realtek RTL8101L LAN
- 1 CF, 1 PCI-104
- 2 SATA, 4 USB, 2 COM, 8-bit GPIO
- Fanless Operation

VIA CN700	Dual View	2-CH LVDS	PCI-104	2 SATA
2 COM	4 USB	8 GPIO	Fanless	

### Specifications

#### System

• CPU	Onboard VIA Eden V4 ULV 500 MHz CPU
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	VIA CN700 / VT8237R+
• I/O Chip	Winbond 83697HG
• System Memory	One 200-pin SODIMM supports up to 1 GB DDR2 400/533 SDRAM
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 1 sec.~255 min., 1 sec. or 1 min./step
• Expansion	1 PCI-104

#### I/O

• MIO	1 x EIDE (Ultra DMA 133), 2 x SATA, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B&Mouse
• IrDA	115k bps, IrDA 1.0 Compliant
• USB	4 x USB 2.0
• DIO	8-bit General Purpose I/O for DI and DO

#### Display

• Chipset	VIA ProSavage CN700 with integrated 2D / 3D graphic engine
• Display Memory	64 MB frame buffer using system memory
• Resolution	CRT mode: 1600 x 1200 @ 24 bpp (60 Hz) LCD / Simultaneous mode: 1600 x 1200 @ 16 bpp (60 Hz)
• Dual Display	CRT + LVDS
• LVDS Interface	Dual Channel 18/24-bit LVDS

#### Audio

• AC97 Codec	VIA VT1613 Supports 2-CH Audio
• Audio Interface	CD Audio in, Line out, Line in & Mic in

#### Ethernet

• LAN	Realtek RTL8101L
• Ethernet Interface	10/100 Base-Tx Fast Ethernet compatible

#### Mechanical & Environmental

• Power Requirement	+5 V @ 2.08 A, +12 V @ 0.06 A (with VIA Eden V4 500 MHz & 512 MB DDR2 533 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)	5.7" x 4" (146 mm x 101 mm)
• Weight	0.44 lbs (0.2 kg)

### Ordering Information

- **ECM-CN700R**  
3.5" VIA CN700 Eden V4 500 MHz Micro Module with VGA, 2-CH LVDS, 2-CH Audio, LAN, CF, PCI-104, 2 SATA, 2 COM, 4 USB, 8-bit GPIO
- **ACC-CF-xx**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4, 8 GB)
- **ACC-MEM-xx**  
Memory Series (xx = Capacity, Capacity Option: 256, 512 MB, 1 GB)