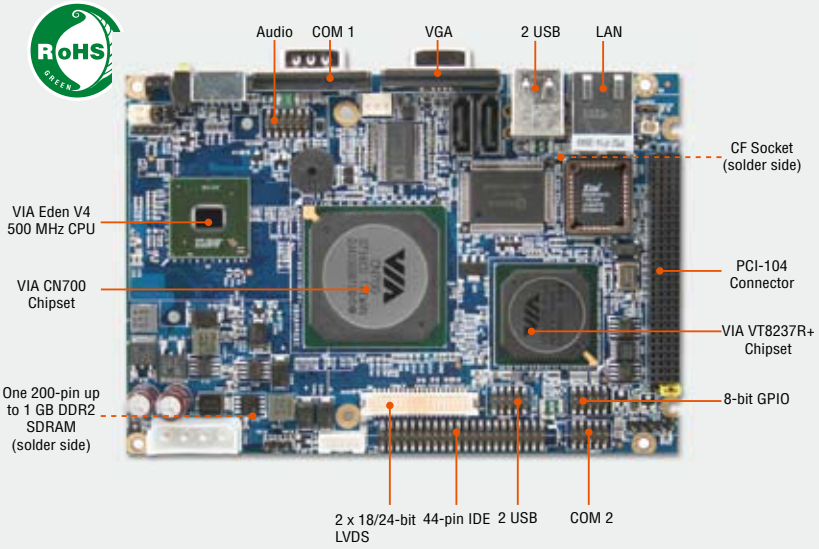
ECM-CN700R

3.5" VIA CN700 Eden V4 500 MHz Micro Module



Features

- Onboard VIA Eden V4 500 MHz ULV CPU
- VIA CN700 / VT8237R+ Chipset
- One 200-pin SODIMM up to 1 GB DDR2 SDRAM
- Dual View, Dual LVDS
- 2-CH Audio
- Realtek RTL8101L 10/100 LAN
- 1 Type I/II CF, 1 PCI-104
- 2 SATA, 4 USB 2.0, 2 COM, 8-bit GPIO
- Fanless Operation

VIA | Dual View | 4 USB | 2 COM | Fanless | PCI-104

Specifications

System

CPU	Onboard VIA Eden V4 500 MHz ULV CPU
BIOS	Award 512 KB 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 (1 x 44-pin, 2.0 mm), 2 x SATA, 2 x Serial (1 COM with 5 x 2, pitch 2.0 mm pin header. 1 COM can be set as RS-232/422/485 by BIOS Jumpless), 1 x K/B&Mouse
IrDA	115k bps, IrDA 1.0 Compliant
USB	4 x USB 2.0 ports (2 Ports with 5 x 2, pitch 2.0 mm pin header, 2 Ports with Edge Connector Deck)
DIO	4-bit GPI, 4-bit GPO

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 2.0, 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)