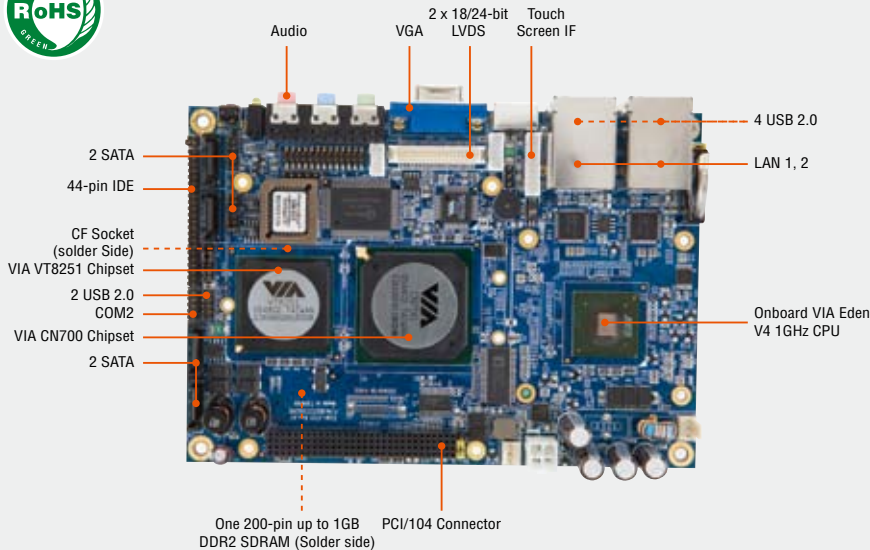




ECM-3721 VIA CN700 Eden V4 1 GHz EPIC Module



Features

- Onboard VIA Eden V4 1 GHz CPU
- VIA CN700 VT8251 Chipset
- One SODIMM up to 1 GB DDR2 SDRAM
- 2-CH LVDS & 5.1 CH Audio
- Optional Built-in Touch Screen I/F
- Dual Realtek RTL8111B Gigabit LAN
- 1 PCI/104, Type I/II CF
- 4 SATA, 2 COM, 6 USB 2.0
- STR S0-S5 for Power Management
- Single +12 V Power Input



EPIC Modules

Specifications

System

• CPU	Onboard VIA Eden V4 1 GHz
• BIOS	Award 512 KB Flash BIOS
• System Chipset	VIA CN700/VT8251
• I/O Chip	Winbond W83697HG-AW
• 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: 1~255 sec. and 1 sec./step
• H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
• Expansion	One PCI/104 connector

I/O

• MIO	1 x EIDE (Ultra DMA 100), 4 x SATA, 1 x LPT, 1 x RS-232, 1 x RS232C/422/485, 1 x K/B & Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• USB	6 x USB 2.0 ports

Display

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

Built-in Touch Screen (Optional)

• Chipset	PenMount DMC6000
• Touch Screen Interface	With 9 pin 2 mm box header (can be selected to support 4/5/8-wire touch screen)

Audio

• AC97 Codec	VIA VT1616 supports 5.1 CH Audio
• Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

• LAN	Dual Realtek RTL8111B
• Ethernet Interface	1000Base-T Fast Ethernet compatible

Mechanical & Environmental

• Power Consumption	+12 V @ 1.60 A (with VIA Eden V4 1 GHz & 1 GB DDR2 SDRAM)
• Power Type	ATX
• Operating Temperature	0~60°C (32~140 °F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	4.5" x 6.5" (115 mm x 165 mm)
• Weight	0.51 lbs (0.23 kg)

Ordering Information

- **ECM-3721**
VIA Eden V4 1 GHz EPIC Module with VGA, 2-CH LVDS, 5.1 CH Audio, Dual Gigabit LAN, PCI/104, CF, 4 SATA, 2 COM & 6 USB 2.0
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)