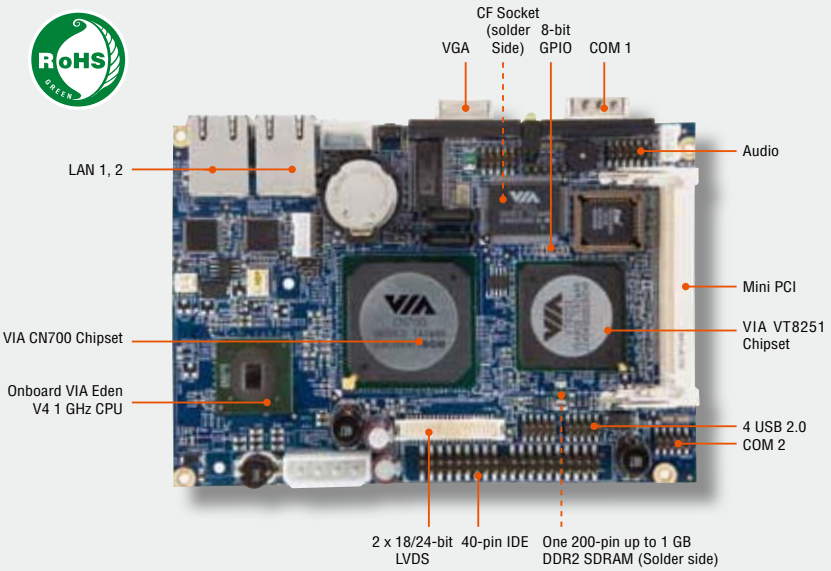
ECM-3711

3.5" VIA CN700 Eden V4 1 GHz Micro Module



Features

- Onboard VIA Eden V4 1 GHz CPU
- VIA CN700 / VT8251 Chipset
- One 200-pin SODIMM up to 1 GB DDR2 SDRAM
- Dual View, 2-CH LVDS
- 5.1-CH Audio
- Dual Realtek RTL8111B PCI-E GigaLAN
- 1 Mini PCI, 1 Type I/II CF
- 2 SATA, 2 COM, 4 USB 2.0, 8-bit GPIO
- Jumperless Serial Port Configuration
- ACPI S3/S4 Supported
- Fanless Operation

VIA CN700 | 2 GigaLAN | STR S0-S5 | Dual View | Fanless | Mini PCI

Specifications

System

• **CPU**	Onboard VIA Eden V4 1 GHz
• **BIOS**	Award 512 KB Flash BIOS
• **System Chipset**	VIA CN700 / VT8251
• **I/O Chip**	VIA VT1211
• **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 min. and 1 min./step
• **H/W Status Monitor**	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
• **Expansion**	1 Mini PCI

I/O

• **MIO**	1 x EIDE (Ultra DMA 100), 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 ports
• **DIO**	8-bit General Purpose I/O for DI and DO

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

Audio

• **Chipset**	VT8251
• **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 PCI-E GigaLAN
• **Ethernet Interface**	1000Base-Tx Gigabit Ethernet compatible

Mechanical & Environmental

• **Power Requirement**	+5 V @ 4.63 A, +12 V @ 0.53 A, 5 Vsb @ 0.32 A (with VIA Eden V4 1 GHz & 1 GB DDR2 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**	0.51 lbs (0.23 kg)

Ordering Information

- **ECM-3711**
  3.5" VIA Eden V4 1 GHz Micro Module with VGA, 2-CH LVDS, 5.1-CH Audio, 2 GigaLAN, CF, Mini PCI, 2 SATA, 2 COM, 4 USB 2.0, GPIO
- **EES-3711**
  Fanless embedded system with VIA Eden Eden V4 1 GHz Micro PC with VGA, 2-CH LVDS, 5.1-CH Audio, 2 GigaLAN, CF, Mini PCI, 2 SATA, 2 COM, 4 USB 2.0, GPIO
- **EPC-3711**
  Fanless embedded system with VIA Eden V4 1 GHz Mini PC with VGA, 2-CH LVDS, 5.1-CH Audio, 2 GigaLAN, CF, Mini PCI, 2 SATA, 2 COM, 4 USB 2.0, 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 MB, 1 GB)