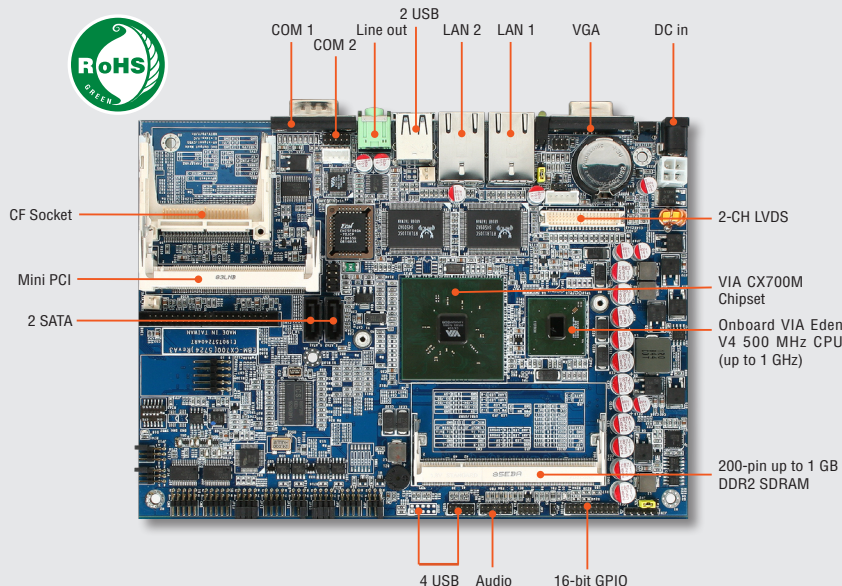




Features

- Onboard VIA CX700M Eden V4 500 MHz / 1 GHz CPU
- VIA CX700M Chipset
- One 200-Pin SODIMM up to 1 GB DDR2 SDRAM
- Dual View, DVI, 2-CH LVDS
- 5.1-CH Audio, MPEG-2/4 and WMV9 Supported
- LAN, Optional Dual Gigabit Ethernet
- 1 Mini PCI, 1 CF, 2 SATA, 2 COM, 6 USB, 16-bit GPIO
- Fanless Operation

VIA CX700M	Dual View	2-CH LVDS	MPEG 2/4	Mini PCI
2 SATA	2 COM	6 USB	16 GPIO	Fanless

Specifications

System

• CPU	Onboard VIA Eden V4 500 MHz (1 W), up to Eden 1 GHz (3.5 W) Processor CPU
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	VIA CX700M
• I/O Chip	VIA VT1211
• System Memory	One 200-pin DDR2 SODIMM socket, supports up to 1 GB DDR2 400/533 SDRAM
• SSD	One CF socket by IDE secondary slave channel supports Type I/II Compact Flash Card
• Watchdog Timer	Reset: 1~255 min. and 1 min./step
• H/W Status Monitor	Monitoring system temperature, voltage, and fan status with auto throttling control
• Expansion	1 Mini PCI

I/O

• MIO	1 x EIDE, 2 x SATA, 2 x RS-232, 1 x K/B & Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• USB	6 x USB 2.0 ports
• DIO	16-bit General Purpose I/O for DI and DO

Display

• Chipset	VIA CX700M with integrated 2D and 3D Graphics engine supporting MPEG-4 accelerator, MPEG-2 decoder and WMV9 Video acceleration
• Display Memory	Supports 32 / 64 / 128 MB Frame Buffer sizes
• Resolution	CRT mode: 2048 x 1536 @ 32 bpp (85 Hz) LVDS mode: 1600 x 1200 @ 16 bpp (60 Hz)
• Dual Display (Optional)	CRT + LVDS (or DVI)
• VGA/LCD Interface	AGP 4X VGA/LCD interface
• DVI	DVI resolutions up to UXGA (1600 x 1200)
• LVDS	Dual channel 18/24-bit LVDS

Audio

• Chipset	VIA CX700M
• AC97 Codec	VIA VT1708A supports 5.1-CH Audio
• Audio Interface	Mic in, Line in, Line out

Ethernet

• LAN 1	Realtek RTL 8100C Optional RTL8110S Gigabit Ethernet
• LAN 2	Optional RTL8100C / RTL8110S Gigabit Ethernet
• Ethernet Interface	10/100/1000 Base-T Gigabit Ethernet compatible

Mechanical & Environmental

• Power Requirement	+12V @ 1.35 A (with VIA Eden 1 GHz & 1 GB DDR2 533 SDRAM), +12V @ 0.97 A (with VIA Eden 500 MHz & 1 GB 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 x H)	8" x 5.75" x 0.75" (203 mm x 146 mm x 19 mm)
• Weight	0.55 lb (0.25 kg)

Ordering Information

- **EBM-CX700**
5.25" VIA CX700M Mini Module with DDR2 SODIMM, VGA, DVI, 2-CH LVDS, LAN, Mini PCI, CF, 2 SATA, 6 USB, 2 COM, 16-bit GPIO
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)
- **ACC-MEM-xx**
Memory Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2 GB)
- **E1704640400R**
DVI Cable 24P/1.91-40P/1.25 40cm