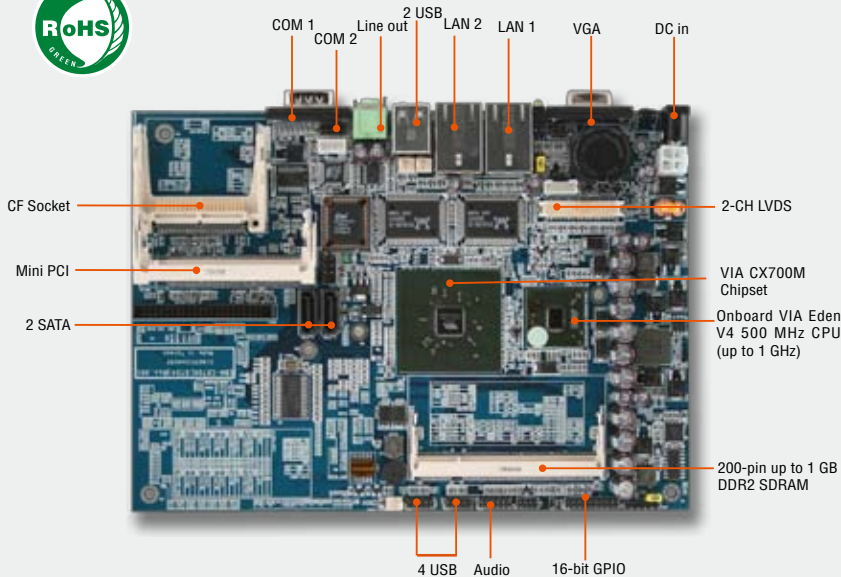




# EBM-CX700

## 5.25" VIA CX700M Mini Module



### Features

- Onboard VIA CX700M Eden V4 500 MHz
- One SODIMM up to 1 GB DDR2 SDRAM
- CRT, DVI, LVDS, HDTV
- 5.1-CH Audio
- 10/100 Mbps LAN, Optional Dual GigaLAN
- 2 COM, 2 SATA, 6 USB
- Single +12 V Power Input, Supports AT / ATX Function
- Super Slim (L x W x H): 203 x 146 x 19 mm
- Fanless Operation



### Specifications

#### System

• CPU	Onboard VIA Eden V4 500 MHz (1 W), up to Eden 1 GHz (3.5 W)
• BIOS	Award 512 KB 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 sec.~255 min. and 1 sec. or 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	2 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), TV / LVDS (or DVI), TV / HDTV
• VGA/LCD Interface	AGP 4X VGA/LCD interface
• DVI	DVI resolutions up to UXGA (1600 x 1200)
• LVDS	Dual channel 18/24-bit LVDS
• TV-out	TV resolutions up to 1920 x 1080

#### 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 8101L Optional RTL8110S GigaLAN
• LAN 2	Optional RTL8101L / RTL8110S GigaLAN
• Ethernet Interface	10/100/1000Base-T Gigabit Ethernet compatible

#### Mechanical & Environmental

• Power Requirement	+12V @ 1.35 A (with VIA Eden 1 GHz & 1 GB DDR2 667 SDRAM), +12V @ 0.97 A (with VIA Eden 500 MHz & 1GB DDR2 667 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 DDR DIMM, VGA, LCD, USB, COM, 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 GB)

01  
ETX02  
3.5"03  
EPIC04  
5.25"05  
PC/10406  
IMB07  
Embedded System08  
Smart Terminal09  
InnoFlex PPC10  
ACC11  
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