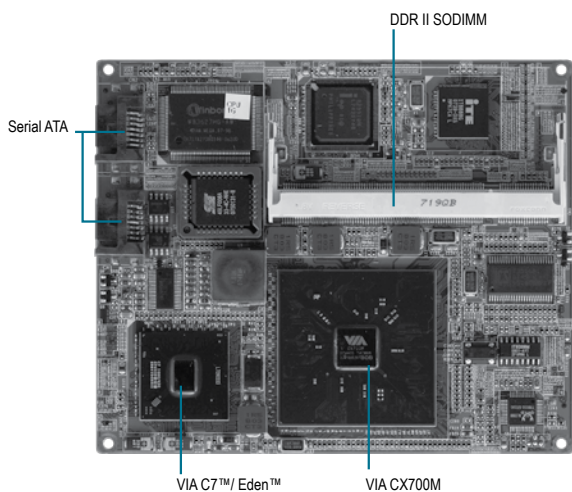


# ETX-CX700M

## ETX CPU Module with VIA C7™/ Eden™ (V4) Series Processors

08

ETX CPU Modules



### Features

- Onboard VIA C7™/ Eden™ (V4) Series Processors
- VIA CX700M
- DDR II 400/533 Memory, Max 1GB
- 10/100Base-TX Ethernet
- CRT, Up to 24-bit Dual-channel LVDS LCD, TV, Video Capture Port x 1
- AC97 2.3 Codec 2CH Audio
- PATA x 1, SATA II x 2 (On Module), Supports CompactFlash™ Type I Slot x 1
- USB2.0 x 4, COM x 2
- PCI x 4, 8-bit/16-bit ISA, SMBus x 1, I2C x 1
- +5V Only Operation



### Specifications

System	
Form Factor	ETX
Processor	VIA C7™/ Eden™ (V4 Bus) series processors up to 2.0GHz, FSB 533MHz
System Memory	200-pin DDR II SODIMM x 1, Max. 1GB (DDR II 400/533)
Chipset	VIA CX700M
I/O Chipset	Winbond W83627HG-AW
Ethernet	Realtek RTL8139DL (Default)/ Intel® 82551QM, 10/100Base-TX
BIOS	Award
EEPROM	Microchip 24LC552-I/SN, save BIOS and configuration data
Wake on LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Expansion Interface	32-bit PCI x 4
	8-bit/ 16-bit ISA
	SMBus x 1
	I2C x 1
Power Requirement	+5V DC
Power Consumption (Typical)	VIA Eden™ 1.6GHz, DDR II 667 1G 0.11A@+3.3V, 3.5A@+5V, w/TF-ECB-901A-A10-01
Board Size	4.5" (L) x 3.75" (W) (114mm x 95mm)
Gross Weight	0.66 lb (0.3Kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	90,000
Display	
Supports CRT/LVDS, LVDS/TV or CRT/TTL, CRT/DVI, TV/TTL, TV/DVI simultaneous/ dual view displays. Supports MPEG-4 accelerator	
Chipset	VIA CX700M integrated
Memory	Shared system memory up to 128MB
Resolutions	Up to 1600 x 1200 @ 32bpp for CRT Up to 1600 x 1200 @ 24bpp for LCD
LCD Interface	Up to 24-bit dual-channel LVDS TFT LCD
Video Capture Port	1
I/O	
Storage	PATA x 1 (two devices), SATA II x 2 (on module), supports CompactFlash™ Type I x 1
Serial Port	2
Parallel Port	1
USB	USB 2.0 x 4
PS/2 Port	Keyboard x 1, Mouse x 1
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out

### Packing List

- Utility CD
- ETX-CX700M

### Ordering Information

- **TF-ETX-CX700M-A10**  
ETX Board, Eden™ 1.6GHz, DDRII, LAN, Audio, 2COM, USB2.0, Rev. A1.0
- **TF-ETX-CX700M-A10-01**  
ETX Board, C7™ 2.0GHz, DDRII, LAN, Audio, 2COM, USB2.0, Rev. A1.0
- **TF-ETX-CX700M-A10-02**  
ETX Board, Eden™ 1GHz, DDRII, LAN, Audio, 2COM, USB2.0, Rev. A1.0
- **TF-ETX-CX700M-A10-03**  
ETX Board, C7™ 1.5GHz, DDRII, LAN, Audio, 2COM, USB2.0, Rev. A1.0

### Optional Accessories

- **TF-ECB-902M-A10**  
ETX Carrier Board, LAN, Audio, COM, USB, PCI, ISA, AT/ATX, Rev. A1.0
- **TF-PER-A068**  
Passive Heatsink, for On-board CPU
- **TF-PER-A069**  
CPU Cooler, for On-board CPU