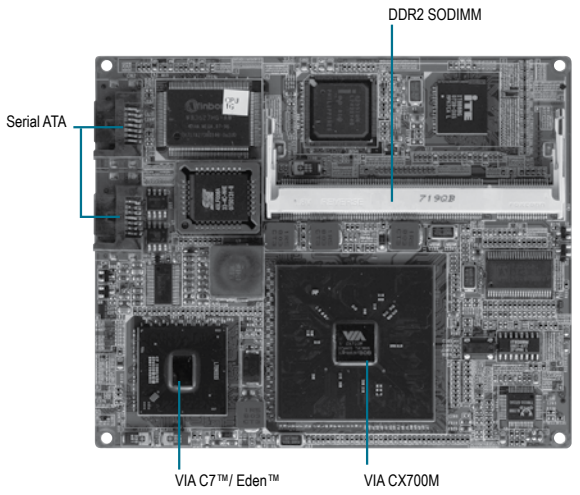
ETX-CX700M

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



Features

- Onboard VIA C7™/ Eden™ (V4) Series Processors
- VIA CX700M
- SODIMM DDR2 400/533 Memory, Max. 1 GB
- 10/100Base-TX Ethernet
- CRT, Up to 24-bit Dual-channel LVDS LCD, Video Capture Port x 1
- AC97 2.3 Codec 2CH Audio
- PATA x 1, SATA 3.0Gb/s x 2 (On Module)
- USB2.0 x 4, COM x 2
- +5V Only Operation

Specifications

System	
Form Factor	ETX
Processor	VIA C7™/ Eden™ (V4 Bus) series processors up to 2.0 GHz, FSB 533 MHz
System Memory	200-pin DDR2 SODIMM x 1, Max. 1 GB (DDR2 400/533)
Chipset	VIA CX700M
I/O Chipset	Winbond W83627HG-AW
Ethernet	Realtek RTL8139DL (Default), 10/100Base-TX
BIOS	Award, SPI type, 2MB ROM
EEPROM	Microchip 24LCS52-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 SM Bus x 1 I2C x 1
Power Requirement	+5V DC
Power Consumption (Typical)	VIA Eden™ 1.6 GHz, DDR2 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 or CRT/TTL, CRT/DVI simultaneous/ dual view displays. Supports MPEG-4 accelerator
Chipset	VIA CX700M integrated
Memory	Shared system memory up to 128 MB
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 LCD
Video Capture Port	1
I/O	
Storage	PATA x 1 (two devices), SATA 3.0Gb/s x 2 (on module)
Serial Port	2
Parallel Port	1
USB	USB2.0 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

- M2.5 Screw x 4
- Product CD
- ETX-CX700M

Ordering Information

- **TF-ETX-CX700M-A10**
  ETX Board, Eden™ 1.6 GHz, DDR2, LAN, Audio, 2 COM, USB2.0, Rev. A1.0
- **TF-ETX-CX700M-A10-01**
  ETX Board, C7™ 2.0 GHz, DDR2, LAN, Audio, 2 COM, USB2.0, Rev. A1.0
- **TF-ETX-CX700M-A10-02**
  ETX Board, Eden™ 1.0 GHz, DDR2, LAN, Audio, 2 COM, USB2.0, Rev. A1.0
- **TF-ETX-CX700M-A10-03**
  ETX Board, C7™ 1.5 GHz, DDR2, LAN, Audio, 2 COM, USB2.0, Rev. A1.0

Optional Accessories

- **TF-ECB-902M-A10**
  ETX Carrier Board, LAN, Audio, 4 COM, USB2.0, PCI, ISA, AT/ATX, Rev. A1.0 (For ETX-LN, ETX-945GSE, ETX-CX700M, ETX-701, ETX-700)
- **TF-PER-A069**
  CPU Cooler, for ETX-CX700M On-board CPU
- **TF-PER-A068**
  Passive Heatsink, for ETX-CX700M On-board CPU
- **TF-PER-A080**
  Heat Spreader Kit, for ETX-CX700M Onboard CPU