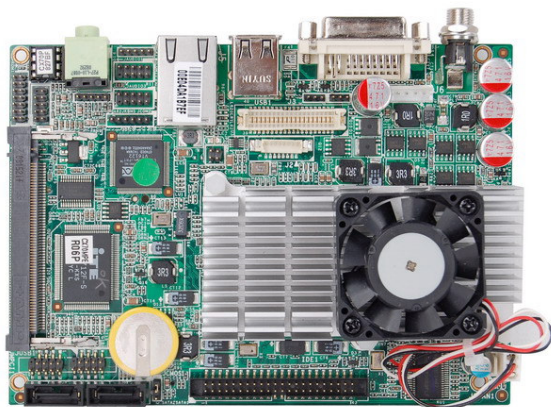


CX70M-PE

VIA Eden Series CPU onboard 3.5" SBC supports Dual view, 60W DC power, One Gigabit LAN, 2 COM, SATAII and Audio



Features

- VIA Eden 1GHz / Eden ULV 1.6GHz processor onboard
- 60W DC power onboard (Easy to integrate compact system)
- Dual view support via DVI-I / LVDS
- Mini PCI and CF Socket expansion
- One Gigabit LAN, 2 x COM, 6 x USB 2.0, 2 x SATA II, 5.1CH HD Audio integrated

Product Overview

CX70M-PE, based on VIA CX700M digital media IGP integrates premium graphics/audio/memory storage/HDTV support all in a single chip with onboard Eden or Eden Ultra Low Voltage (ULV) series processor. It features a low power design that provides an optimized balance between power consumption and system performance. CX70M-PE targets low-power, limit-space applications, including POS, KIOSK, Automation and Multimedia applications.

Specifications

System

CPU	VIA Eden 1GHz / Edue ULV 1.6GHz CPU onboard
Chipset	VIA CX700M single chip
System memory	1 x 200pin DDR2 533/400 SO-DIMM max. up to 1GB
BIOS	Award 4Mb Flash ROM
Watchdog Timer	Reset: 1~255 sec
H/W Monitor	CPU voltage CPU & System Temperature CPU & System fan speed CPU & System fan speed control
Expansion	1 x Mini PCI slot; 1 x CF Socket

I/O

MIO	1 x IDE, 2 x SATAII, 2 x RS232, 1 x Keyboard & Mouse by header
Ethernet	1 x VIA VT6122 for PCI Gigabit LAN
Audio	VIA VT1708B 5.1 CH HD Audio (pin-header)
USB	6 x USB 2.0 ports(4 via box-header)
DC power Jack	1 x 2.5φ DC power jack support up to 60W

Display

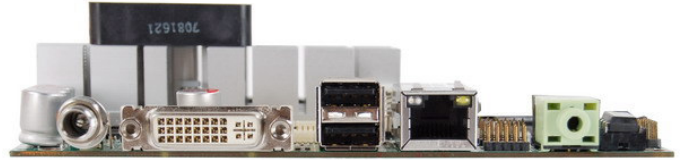
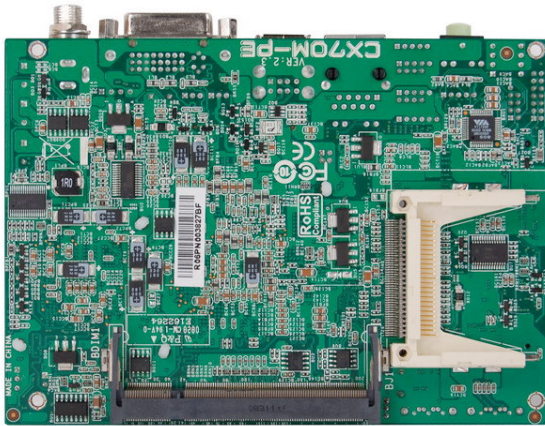
Chipset	VIA UniChromeProII graphics core
Display Memory	Shared system memory up to 128MB video memory
Resolution	DVI-I: Max. upto 1600 x 1200 LVDS: Dual-channel, 24bit

Mechanical & Environmental

Power Type	60W power onboard
Temperature	0~55°C, Operating
Humidity	10%~90%, Operating
Size(L x W)	146mm x 105mm (5.75" x 4.13")

Packing List

IDE Cable x 1
SATA Cable x 1
DC-in switch Cable x 1
CD Driver x 1



Ordering Information

Model Name	Part No.	Description
CX70M-PE (Eden 1.0GHz)	CX70MPE-R06-BS400	3.5" SBC with VIA Eden 1.0GHz CPU, DVI-I/LVDS, 60W DC power, One Gigabit LAN, 2 *COM, 2 *SATAII, 6 *USB 2.0 and HD Audio
CX70M-PE (Eden ULV 1.6GHz)	CX70MPE-R07-BS400	3.5" SBC with VIA Eden ULV 1.6GHz CPU, DVI-I/LVDS, 60W DC power, One Gigabit LAN, 2 *COM, 2 *SATAII, 6 *USB 2.0 and HD Audio