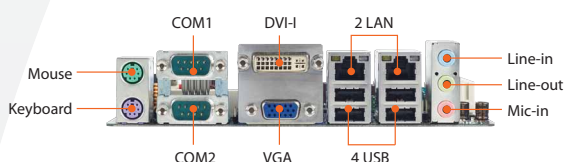
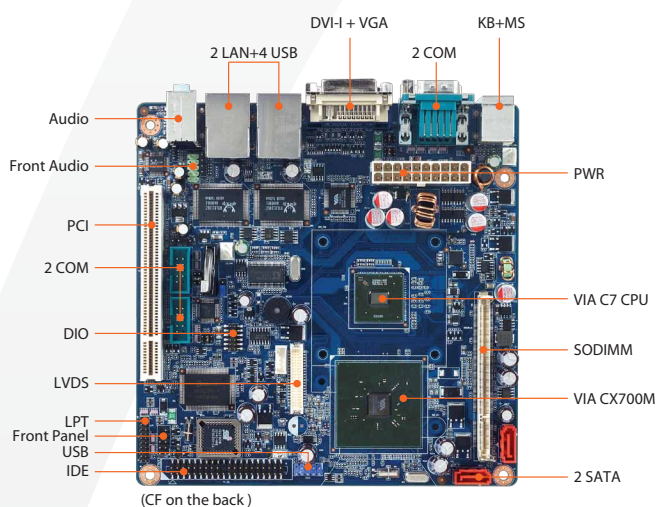


IX700CXM

VIA CX700M with C7 1.0GHz Mini-ITX Motherboard



Features

- Onboard VIA C7 1.0GHz CPU
- VIA CX700M Chipset with integrated VIA UniChrome Pro II 3D/2D Graphics & Video processor
- One SODIMM up to 1GB dual channel DDR2 400/533 SDRAM
- Supports Dual Display Function
- Dual Realtek RTL8110SC Gigabit LAN
- Realtek ALC888, 5.1 + 2 CH HD Audio with 6W Amplifier
- 1 PCI, 1 CF
- 4 COM, 2 SATA II, 6 USB 2.0, 1 IDE
- TPM & GPIO functions embedded
- Fanless design

VIA C7 Onboard	Dual Display	18/24-bit LVDS	DVI
Dual GbE LAN	PCI	5.1 + 2 CH HD Audio	CF
TPM	GPIO	Fanless	

Specifications

System	
CPU	VIA C7 1.0GHz onboard
FSB	400/800MHz
BIOS	Award 4Mb Flash BIOS
System Chipset	VIA CX700M
I/O Chip	Winbond W83627DHG-A
System Memory	One 240-pin SODIMM socket supports up to 1GB DDR2 400/533 SDRAM
SSD	One CompactFlash Type I/II socket
Watchdog Timer	Reset : 1 to 255 sec/min per step
H/W Status Monitor	Monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
Expansion	1 PCI Slot (PCI 2.3 Rev. compliant)
Power State	S1, S3, S4, S5
TPM	Onboard TPM 1.2 by Infineon SLB9635
Wake up on LAN or Ring	LAN
SmartFan Control	Yes

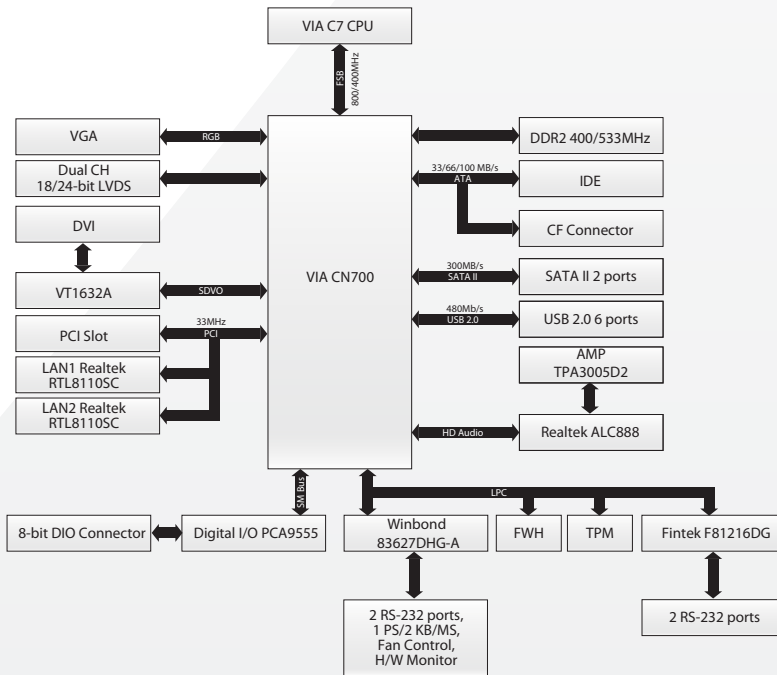
I/O	
MIO	1 IDE, 1 LPT, 2 SATA II, 4 COM RS-232 (5V/ 12V), 1 PS/2 Keyboard, 1 PS/2 Mouse
USB	6 USB 2.0 ports
GPIO	PCA9555 supports 8-bit General Purpose I/O for 4-bit DI and 4-bit DO

Display	
Chipset	Integrated VIA UniChrome Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 accelerator
Display Memory	VIA S3 UniChrome Pro II 3D graphic engine shared system memory up to 128MB I/O
Max. Resolution	1920 x 1440 @ 75Hz
Dual Display	VGA + DVI, VGA + LVDS, Single Channel DVI + Single Channel LVDS
DVI	DVI-I
LVDS	Dual channel 18/24-bit LVDS
LVDS Backlight	Yes, 5V and 12V

Audio	
Audio Codec	Realtek ALC888, 5.1 + 2 CH with multiple streaming HD Audio
Audio Interface	Line-in, Line-out, Mic-in
Audio Amplifier	3+3W Amp. (TPA3005D2)

Ethernet	
LAN 1	Realtek RTL8110SC Gigabit LAN
LAN 2	Realtek RTL8110SC Gigabit LAN

Block Diagram



Ordering Information

IX700CXM

90I-VCX702-10000B2
IX700CXM R10 C7 1G Mini-ITX STD

Product Offering

until 2014

Packing List

IDE Cable	x 1
SATA Data Cable	x 2
SATA Power Cable	x 2
COM Cable w/o Bracket	x 2
Printer Cable	x 1
I/O Shield	x 1
Driver CD	x1
Startup Manual	x1

Back Panel I/O Port

- 1 PS/2 Mouse
- 1 PS/2 Keyboard
- 1 VGA Port
- 1 DVI-I Port
- 2 COM RS-232 Ports (5V/12V)
- 2 LAN RJ45 Ports
- 4 USB 2.0 Ports
- Audio I/O (3 jacks)

Internal I/O Connector

- 1 LVDS Connector
- 1 Inverter Power Connector
- 2 COM RS-232 Ports (5V/12V)
- 2 SATA Connectors
- 1 IDE Port
- 1 USB Connector supports 2 USB Ports
- 1 Digital I/O Header
- 1 Amplifier Connector
- 1 Front Panel Header
- 1 Front Panel Audio Connector
- 1 CPU Fan Connector
- 1 System Fan Connector
- 1 S/PDIF Connector
- 1 AT/ATX Mode Selection Jumper

Mechanical & Environmental

Power Requirement	+12V	+5V	+3.3V	5VSB
	0.21A	1.74A	0.7A	0.07A

Power Type ATX

Power Connector 1 20-pin ATX Power Connector

Operating Temperature 0 to 60°C (32 to 140°F)

Operating Humidity 0% to 90% relative humidity, non-condensing

Size (L x W) 6.69" x 6.69" (170 mm x 170 mm)

Weight 0.88 lbs (0.4 Kg)