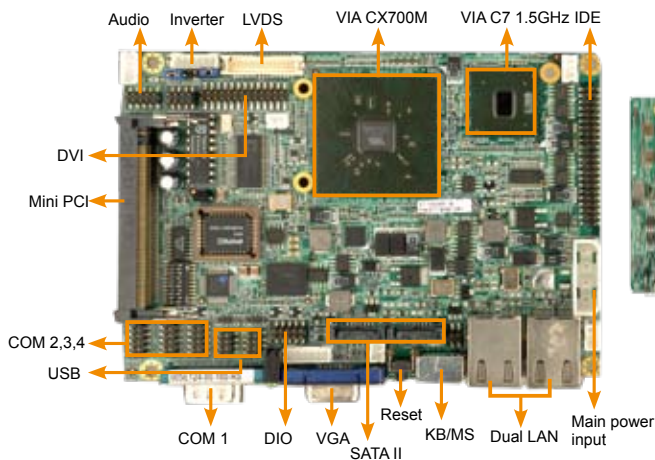


WAFER-CX700M

3.5" SBC with VIA C7/Eden CPU on board, VGA/LVDS/DVI, Dual LAN, USB 2.0, SATA II and Audio



DDR2 SO-DIMM CF type I/II

ODM project
Welcome!

VIA C7 / Eden Processor Support List

Products	TDP Max	Speed
VIA Eden	2.5W	400 MHz
VIA Eden	3.5W	500 MHz
VIA Eden	5W	600 MHz
VIA Eden	5W	800 MHz
VIA Eden	5W	1.0 GHz
VIA Eden	7W	1.2 GHz
VIA Eden ULV	1.0W	500 MHz
VIA Eden ULV	3.5W	1.0 GHz
VIA Eden ULV	7.5W	1.5 GHz
VIA® C7	9W	1.00 GHz
VIA® C7	12W	1.50 GHz
VIA® C7	15W	1.60 GHz
VIA® C7	18W	1.80 GHz
VIA® C7	20W	2.00 GHz

Specifications

- ◆ CPU
 - On board VIA® C7(1.5GHz) processor with a 400MHz FSB
- ◆ System Chipsets
 - VIA CX700M
- ◆ BIOS
 - AMI BIOS
- ◆ System Memory
 - One 200-pin 667/533/400MHz DDR2 SDRAM SO-DIMM supported (system max. 1GB)
- ◆ Ethernet
 - Dual RTL 8110SC GbE controller
- ◆ I/O Interface
 - 3 x RS-232
 - 1 x RS-232/422/485
 - 4 x USB 2.0
 - 1 x IDE
 - 2 x SATA II
 - 1 x PS/2 for KB/MS
- ◆ Expansion
 - Mini PCI slot
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface
 - N/A
- ◆ Super I/O
 - N/A
- ◆ Display Interface
 - VGA Integrated in CX700M
 - 24-bit dual-channel LVDS
 - one single channel DVI interface
- ◆ Audio
 - VT1708A
- ◆ SSD
 - CF type I/II
- ◆ Watchdog Timer
 - Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
 - AT/ATX support
- ◆ Power consumption
 - 5V@4.1A, 12V@0.55A, 5VSB@0.07A (VIA C7 1.5G + 1G 533MHz DDR2)
- ◆ Temperature
 - Operating: 0°C ~ +60°C
- ◆ Humidity
 - Operating: 5% ~95%non-condensing
- ◆ Dimension
 - 146 mm x 102 mm
- ◆ Weight
 - GW: 600g; NW: 160g

Packing List

- 1 x WAFER-CX700M Single Board Computer
- 1 x Mini Jumper Pack
- 1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x SATA Power Cable (P/N: 32100-088600-RS)
- 3 x RS-232 Cable (P/N: 32200-026500-RS)
- 1 x KB/MS Y cable (P/N: 32000-000138-RS)
- 2 x USB cable (P/N: 32000-070300-RS)
- 1 x Audio cable (P/N: 32000-072100-RS)
- 1 x Utility CD
- 1 x QIG



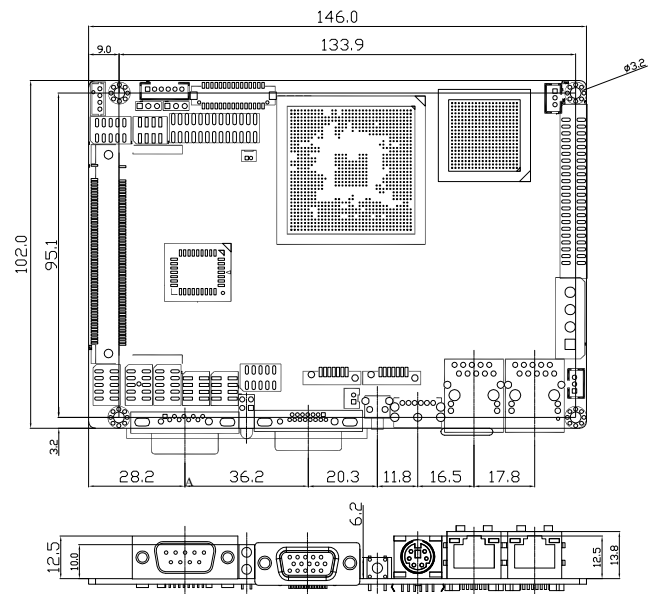
CPU Fan Included



Features

1. 3.5" Form Factor with VIA C7/Eden processor on board
2. Single channel DDR2 400/533 MHz up to 1GB memory
3. Support MPEG2/4/WMV9 decoding accelerator by VIA CX700M chipsets
3. VGA, 24-bit dual-channel LVDS and DVI Display Interface for dual display application
4. Three RS-232 and one RS-232/422/485, dual GbE chipsets
5. Supports CF card type I/II, IDE and SATA II
6. Supports Mini PCI extension slot

Dimensions (mm)



Ordering Information

Part No.	Description
WAFER-CX700M-15G-R10	3.5" SBC with VIA C7 1.5GHz CPU on board, VGA/LVDS/DVI, Dual LAN, USB 2.0, SATA and Audio
IO-KIT-001-R10	DVI and 4xUSB translation bracket

1
Application
Server
Platform

2
Single
Board
Computer

3
IBX Series
POS PC

4
AFOLUX
Panel PC

5
Video
Capture
Card

6
KAMIO
RISC

7
IOVU
Open HMI

8
VITO
Universal
Controller

9
DINO
BLADE

10
LCD
Product
Series

11
Embedded
System

12
Industrial
Computer
Chassis

13
Power
Supply

14
Peripherals