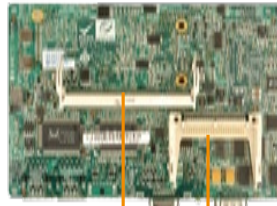
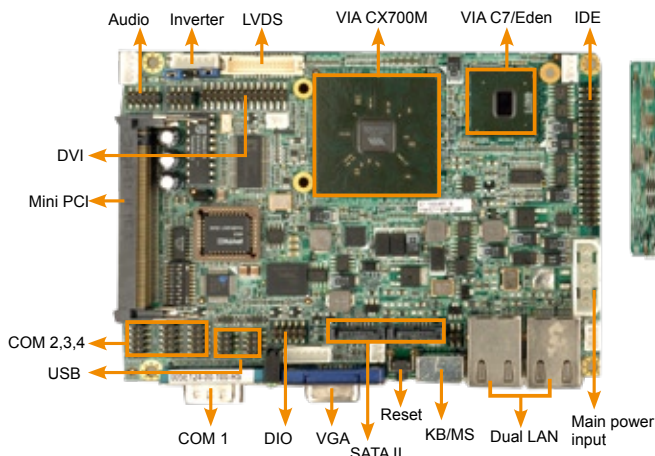


WAFER-CX700M

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/ heatsink+cooler) or Eden ULV (1.0GHz/ heatsink only) processor with a 400MHz FSB
- ◆ System Chipsets
VIA CX700M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 200-pin 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

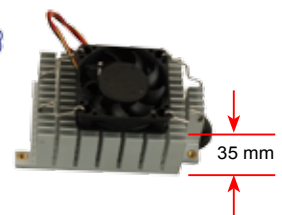
Packing List

- 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: 32200-000049-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 CPU cooler (P/N: 19100-000077-RS)
- 1 x Utility CD
- 1 x QIG



IO-KIT-001A

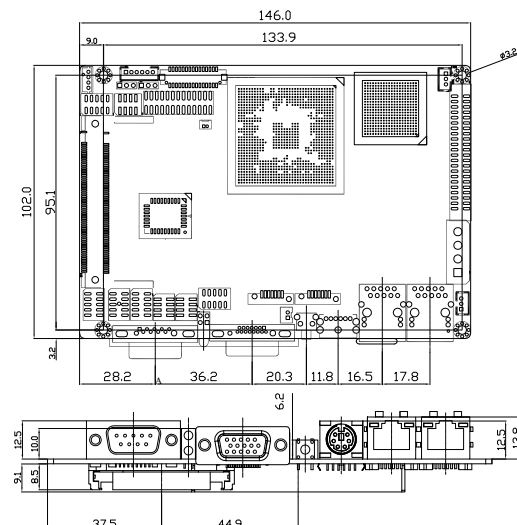
DVI Cable included in
DVI Model



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
WAFER-CX700M-1G-R10	3.5" SBC with VIA Eden 1.0GHz ULV CPU on board, VGA/LVDS/DVI, Dual LAN, USB 2.0, SATA and Audio
IO-KIT-001A-R20	DVI and 4xUSB pitch 2.0 translation bracket