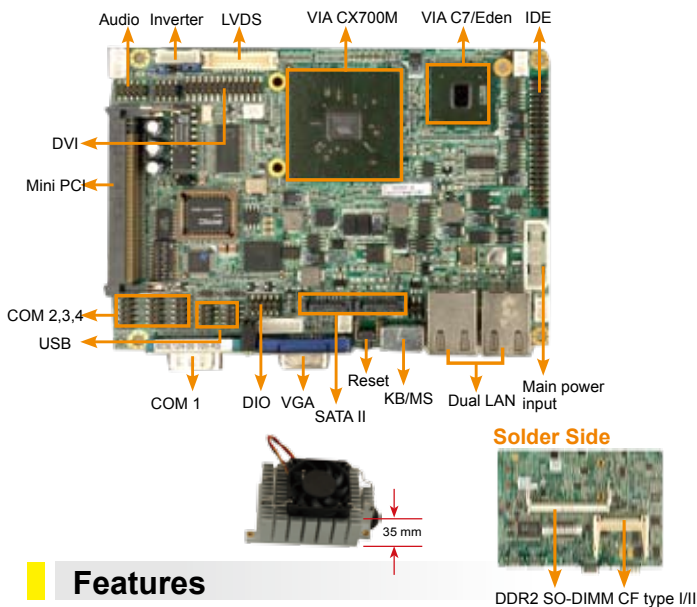


WAFER-CX700M

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



Features

- 3.5" form factor with VIA® C7/Eden processor on board
- Single channel DDR2 400/533 MHz up to 1GB memory
- Support MPEG2/4/WMV9 decoding supported by the VIA® CX700M chipsets
- VGA, 24-bit single-channel LVDS and DVI display interface for dual display application
- Three RS-232 ports, one RS-232/422/485 port and dual GbE ports
- Hardwares CF type I/II cards, IDE and SATA II
- Mini PCI expansion slot

Specifications

- CPU**
On board VIA® C7 (1.5 GHz, includes heatsink and cooler) or Eden ULV (1.0 GHz, includes heatsink only) processor with a 400 MHz FSB
- System Chipset**
VIA® CX700M
- BIOS**
AMI BIOS
- System Memory**
One 200-pin 533/400 MHz DDR2 SDRAM SO-DIMM supported (system max. 1GB)
- Ethernet**
Dual RTL 8110SC GbE controllers
- 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 CF Type II
1 x PS/2 for KB/MS
- Expansions**
Mini PCI slot
- Digital I/O**
8-bit digital I/O, 4-bit input / 4-bit output
- Display Interface**
VGA integrated in CX700M
24-bit single channel LVDS
One single-channel DVI interface
- Audio**
VIA® VT1708A
HD audio 2.1 Channel
- Watchdog Timer**
Software programmable supports 1 ~255 sec. system reset
- Power Supply**
AT/ATX support
- Power Consumption**
5V@ 4.1A, 12V@ 0.55A,
(VIA C7 1.5G + 1G 533 MHz DDR2)
5V@3.29A (VIA ULV Eden 1GHz, 1GB DDR667MHz DDR2)
- Temperature**
Operating: 0°C ~ 60°C
- Humidity**
Operating: 5% ~95% non-condensing
- Dimensions**
146 mm x 102 mm
- Weight:** GW: 600 g; NW: 160 g

Packing List

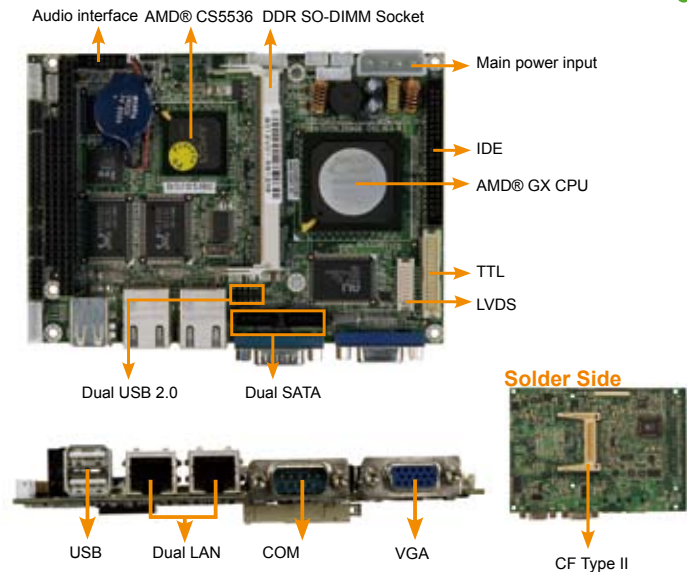
1 x WAFER-CX700M Single board computer	
1 x Mini jumper pack	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
2 x SATA cable (P/N: 32000-062800-RS)	
1 x SATA power Cable (P/N: 32100-088600-RS)	
3 x RS-232 cable (P/N: 32200-000049-RS)	
1 x KB/MS Y cable (P/N: 32000-000138-RS)	
2 x USB cable (P/N: 32000-070301-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	
1 x CPU cooler / Heatsink	
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
WAFER-CX700M-15G-R10	3.5" SBC with VIA® C7 1.5 GHz CPU on board, VGA/LVDS/DVI, Dual LAN, USB 2.0, SATA and audio
WAFER-CX700M-1G-R10	3.5" SBC with VIA® Eden 1.0 GHz ULV CPU on board, VGA/LVDS/DVI, Dual LAN, USB 2.0, SATA and audio
IO-KIT-001A-R20	DVI and 4 x USB pitch 2.0 translation bracket

WAFER-GX

3.5" SBC, AMD® Geode™ LX800 Processor with VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio and On-Board Memory



Features

- AMD® GX466 333MHz and RoHS compliant
- DDR 266 MHz SO-DIMM socket support up to 512 MB
- Dual 10/100Mbps RTL8100C Ethernet chipsets
- SATA, USB 2.0, CF Type II, LPT and COM port

Specifications

- CPU**
On board AMD® Geode™ GX466(333MHz) processor
- System Chipset**
AMD® Geode™ GX466 + CS5536
- BIOS**
Award BIOS
- System Memory**
One 200-pin 266/200 MHz DDR SDRAM DIMM supported (system max. 512MB)
- Ethernet**
10/100Mbps dual RTL8100C Ethernet chipsets
- I/O Interface**
4 x USB 2.0
2 x SATA with ALI M5283 RAID 0,1 function support
1 x LPT
1 x CF Type II
2 x RS-232
1 x RS-422/485
1 x PS/2 for KB/MS
1 x IDE
- Expansions**
1 x PC/104
- Digital I/O**
8-bit digital I/O, 4-bit input/ 4-bit output
- Super I/O**
W83627EHG
- Audio**
Realtek ALC203 with AC'97 Codec
- Display Interface**
VGA integrated in AMD® GX466
24-bit TTL
18-bit single channel LVDS
- Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- Power Supply**
5V only, AT/ATX support
- Power Consumption**
5V@1.15A (AMD® GX466, DDR266MHz/ 256MB HCT11.2)
- Temperature**
Operating: 0° to 60°C
- Humidity**
Operating: 5% to 95%,
- Dimensions**
146 mm x 102 mm
- Weight**
GW: 670 g; NW: 230 g

Packing List

1 x WAFER-GX Single board computer	
1 x ATA33 Flat cable (P/N: 32200-000009-RS)	
2 x SATA cable (P/N: 32000-062800-RS) (WAFER-GX-466S only)	
1 x SATA Power cable (P/N: 32100-088600-RS) (WAFER-GX-466S only)	
1 x RS-232 cable (P/N: 32200-000049-RS)	
1 x RS-232/422/485 Cable (P/N: 32200-026500-RS)	
1 x KB/MS Y cable (P/N: 32000-023800-RS)	
1 x Mini Jumper Pack (P/N: 33100-000033-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
WAFER-GX-466-R10	3.5" SBC with AMD® GX466 333 MHz CPU, VGA/LVDS/TTL, Dual LAN, USB 2.0 and Audio
WAFER-GX-466S-R10	3.5" SBC with AMD® GX466 333 MHz CPU, VGA/LVDS/TTL, Dual LAN, SATA, USB 2.0 and Audio
32000-070301-RS	USB cable
32200-015100-RS	LPT cable

1

Industrial
Computing
Solutions

2

Embedded
Computing
Solutions

3

RISC-Based
Embedded
Solutions

4

Industrial
Data
Collector/
Server
Solutions

5

Video
Capture
Solutions

6

I/O
Communication
Solutions

7

Panel
Solutions

8

Power Supply/
Network
Communication/
Peripherals