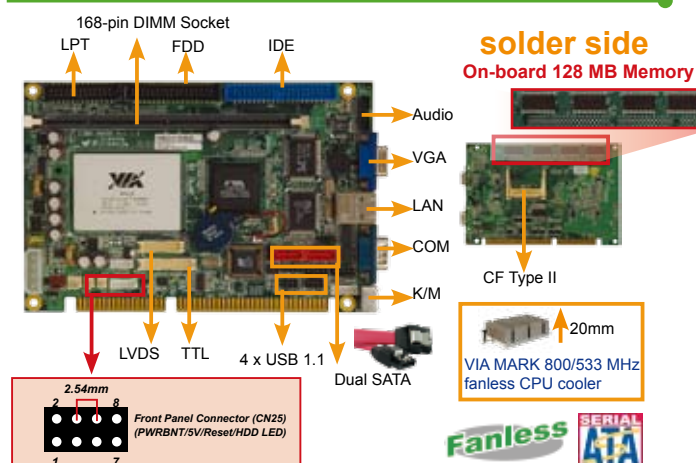


IOWA-MARK-R11

Half-size ISA CPU card supports VIA MARK and comes with VGA, LVDS, TTL, LAN, SATA, audio and 128 MB of on-board memory



Features

1. ISA CPU card with a 533 MHz or 800 MHz VIA MARK processor
2. One 168-pin 512 MB (max.) PC133/100 SDRAM DIMM supported
3. Supports VGA, 24-bit TTL/ 18-bit dual channel LVDS
4. Two RS-232, four USB 1.1 and two SATA

Specifications

- ◆ CPU
 - On-board 533 MHz or 800 MHz VIA MARK processor
- ◆ System Chipset
 - VIA MARK + VT82C686B
- ◆ BIOS
 - Award BIOS
- ◆ System Memory
 - On-board 128MB SDRAM
 - One 168-pin 512 MB (max.) PC133/100 SDRAM DIMM supported
- ◆ Ethernet
 - 10/100Mbps Realtek RTL8100C Ethernet chipset
- ◆ I/O Interface
 - 4 x USB 1.1
 - 1 x IDE
 - 1 x FDD
 - 1 x LPT
 - 1 x Infrared
 - 2 x RS-232
 - 1 x Keyboard and mouse (PS/2)
 - 1 x 6-pin header for keyboard and mouse
 - 2 x SATA with ALI M5283 RAID 0,1 function support.
- ◆ Audio
 - Realtek ALC655 with AC'97 codec
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Display Interface
 - VGA integrated in the VIA MARK
 - 24 bits TTL
 - 18-bit dual-channel LVDS
- ◆ SSD
 - CF Type II
- ◆ Watchdog Timer
 - Software programmable supports 1~255 sec. system reset, by ICP6629
- ◆ Power Supply
 - 5 V only, AT and ATX support
- ◆ Power Consumption
 - 5 V @ 2.99 A, 12 V @ 0.09 A running an on-board 800 MHz 128 MB VIA MARK processor with 128 MB of PC133 memory
 - 5 V @ 2.81 A, 12 V @ 0.04 A running an on-board 533 MHz 128 MB VIA MARK processor with 128 MB of PC133 memory
- ◆ Temperature
 - Operating: 0°C ~ 60°C (32°F~140°F)
- ◆ Humidity
 - Operating: 5%~95% non-condensing
- ◆ Dimensions
 - 185 mm x 122 mm
- ◆ Weight
 - GW: 1.0 kg

Packing List

1 x IOWA-MARK single board computer	
1 x Mini jumper pack	
1 x ATA66 flat cable (P/N: 32200-000052-RS)	
2 x SATA cable (P/N: 32000-062800-RS) (SATA model only)	
1 x Single RS-232 cable (P/N: 19800-000047-RS)	
1 x Audio cable (P/N: 19800-000111-RS)	
1 x SATA power cable (P/N: 32100-088600-RS) (SATA model only)	
1 x KB/MS Y cable (P/N: 32000-000138-RS)	
1 x USB cable (P/N: CB-USB02-RS)	
1 x Utility CD	1 x QIG

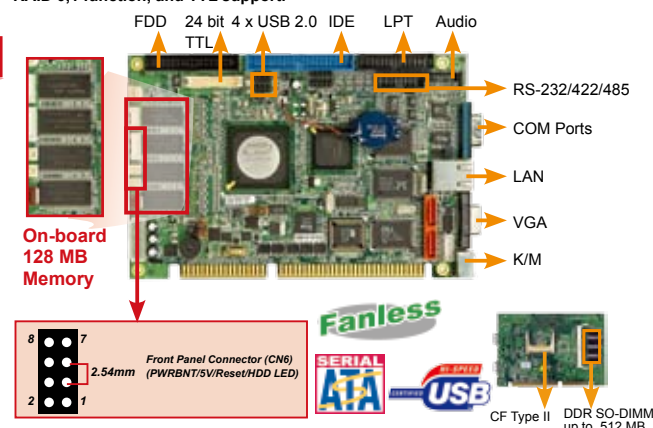
Ordering Information

Part No.	Description
IOWA-MARK-533-128MB-R11	ISA CPU card VIA MARK 533 MHz, VGA/ LVDS/TTL, LAN, Audio with on-board 128 MB memory
IOWA-MARK-533S-128MB-R11	ISA CPU card VIA MARK 533 MHz, VGA/ LVDS/TTL, LAN, SATA, Audio with on-board 128 MB memory
IOWA-MARK-800-128MB-R11	ISA CPU card VIA MARK 800 MHz, VGA/ LVDS/TTL, LAN, Audio with on-board 128 MB memory
IOWA-MARK-800S-128MB-R11	ISA CPU card VIA MARK 800 MHz, VGA/ LVDS/TTL, LAN, SATA, Audio with on-board 128 MB memory
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable

IOWA-GX-R11

Pure ISA CPU card with on-board memory support

Half-Size ISA card, fanless AMD® Geode GX SBC with on-board DDR memory, SATA RAID 0,1 function, and TTL support.



Features

1. ISA CPU card with on-board 333 MHz AMD Geode™ GX 466 processor
2. Flexible on-board, DIMM memory selection options
3. Enhanced TTL, SATA, RS-232, RS-422/485 and USB 2.0 interfaces for extended connectivities
4. RoHS Compliant

Specifications

- ◆ CPU
 - On-board 333 MHz AMD® Geode™ GX 466 processor
- ◆ System Chipset
 - AMD® Geode™ CS5536
- ◆ BIOS
 - AWARD
- ◆ System Memory
 - On-board 128 MB SDRAM
 - One 200-pin 512 MB (max.) DDR 200/266MHz SO-DIMM supported
- ◆ Ethernet
 - 10/100Mbps Realtek RTL8100C Ethernet controller
- ◆ I/O Interface
 - 4 x USB 2.0
 - 2 x SATA with ALI M5283 RAID 0,1 function support.
 - 1 x IDE
 - 1 x LPT
 - 1 x FDD
 - 1 x Infrared
 - 2 x RS-232
 - 1 x RS-422/485
 - 1 x Keyboard and mouse (PS/2)
 - 1 x 6-pin header for keyboard and mouse
- ◆ Super I/O
 - Winbond W83627EHG
- ◆ Audio
 - Realtek ALC203 with AC'97 codec
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ SSD
 - CF Type II
- ◆ Display Interface
 - VGA integrated in the AMD® Geode™ GX 466
 - 24-bit TTL
- ◆ Watchdog Timer
 - Software programmable supports 1~255 sec. system reset
- ◆ Power Supply
 - 5V± 5%, AT and ATX power support
- ◆ Power Consumption
 - 5 V @ 0.92 A running a 333 MHz AMD Geode™ GX 466 with a 256 MB DDR DIMM
- ◆ Temperature
 - Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
 - Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
 - 185 mm x 122 mm
- ◆ Weight
 - GW: 1.0 kg

Packing List

1 x IOWA-GX single board computer	
1 x Mini jumper pack	
1 x IDE flat cable 40p/40p/40p (P/N: 32200-000052-RS)	
2 x SATA cable (P/N: 32000-062800-RS) (SATA models only)	
1 x SATA power cable (P/N: 32100-088600-RS) (SATA models only)	
1 x KB/MS Y cable (P/N: 32000-000138-RS)	
1 x USB cable (P/N: CB-USB02-RS)	
1 x Audio cable (19800-000111-RS)	
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
IOWA-GX-466-128MB-R11	Half-size SBC with AMD® GX466 processor 333 MHz, CRT/LCD, LAN, Audio and onboard 128MB DDR RAM
IOWA-GX-466S-128MB-R11	Half-size SBC with AMD® GX466 processor 333 MHz, CRT/LCD, LAN, SATA, Audio and onboard 128 MB DDR RAM
19800-000049-RS	LPT cable
32200-000017-RS	FDD cable
19800-000058-RS	RS-232/422/485 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