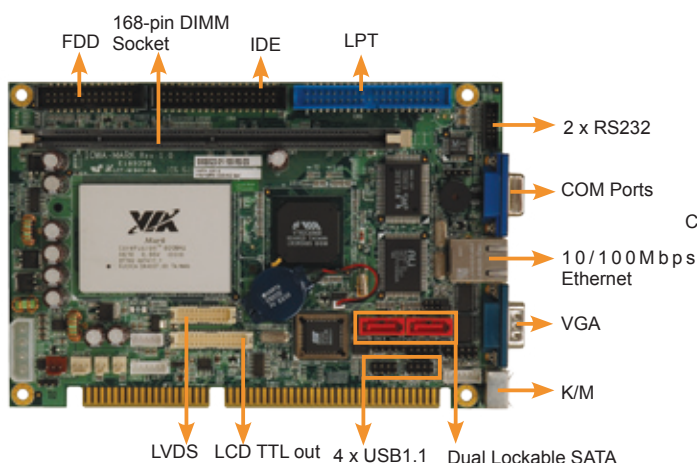
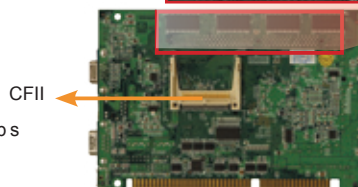


# IOWA-MARK

Half-Size ISA Board, VIA MARK 533/800MHz, CRT/ LCD, Dual LAN, SATA, Audio with on board 128MB Memory



On board 128 MB Memory



solder side



## Feature

1. ISA CPU Card VIA MARK 533MHz
2. 128 MB PC133MHz on board Memory, DIMM Socket support up to 512 MB
3. Support CRT, 24 bits TFT/LVDS displays
4. 1 x RS232, 1 x RS-232/422/485, 4 x USB 2.0, 2 x SATA-150

## Specification



- ◆ **CPU**  
VIA MARK 533/800MHz
- ◆ **System Chipset**  
VIA VT82C686B
- ◆ **BIOS**  
AMI BIOS
- ◆ **System Memory**  
- 1 x 168-pin PC100/133MHz up to 512 MB  
- On board 128MB SDRAM
- ◆ **Ethernet**  
Realtek RTL8100C for 10/100Mbps
- ◆ **I/O**  
**I/O Interface**  
4 x USB 1.1  
1 x IDE  
1 x FDD  
1 x LPT  
2 x SATA-150 with ALI M5283 RAID 0,1 function support.  
2 x RS232  
1 x PS2 Mini DIMM
- ◆ **Audio**  
Realtek ALC655 with AC'97 codec
- ◆ **Display**  
CRT integrated in VIA MARK 24 bits TFT
- ◆ **LVDS**  
Dual channel 18 bit LVDS
- ◆ **SSD**  
CF Type II
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. System reset reset, by ICP6629
- ◆ **Power Supply**  
+5V,+12V, ATX support
- ◆ **Power Consumption**  
+5V@2.99A, +12V@0.09A(VIA MARK 800MHz, On board 128MB+PC133 128MB)  
+5V@2.81A, +12V@0.04A(VIA MARK 533MHz, On board 128MB+PC133 128MB)
- ◆ **Temperature**  
operation: 0~60°C (32~140°F)
- ◆ **Humidity**  
operation: 5%~95% non-condensing
- ◆ **Dimension**  
165mm x 115 mm
- ◆ **Weight**  
GW: 1.0Kg

## Packing List

1 x IOWA-MARK single board computer	1 x Audio cable (P/N: 32000-072101-RS)
1 x Mini jumper pack	1 x SATA Power cable (P/N: 32100-088600-RS)
1 x ATA66/100 flat cable (P/N: 32200-000052-RS)	1 x KB/PS2 Mouse Y cable (P/N: 32000-000138-RS)
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD
1 x single RS232 cable (P/N: 19800-000047-RS)	1 x QIG

## Ordering Information

Part No.	Description
IOWA-MARK-533-128MB-R10	ISA CPU Card VIA MARK 533Mhz, CRT/ LCD, Dual LAN, Audio with on board 128MB Memory
IOWA-MARK-533S-128MB-R10	ISA CPU Card VIA MARK 533Mhz, CRT/ LCD, Dual LAN, SATA ,Audio with on board 128MB Memory
IOWA-MARK-800-128MB-R10	ISA CPU Card VIA MARK 800Mhz, CRT/ LCD, Dual LAN, Audio with on board 128MB Memory
IOWA-MARK-800S-128MB-R10	ISA CPU Card VIA MARK 800Mhz, CRT/ LCD, Dual LAN, SATA, Audio with on board 128MB Memory
32200-028401-RS	Single RS232 cable
32200-000017-RS	FDD Cable
19800-000049-RS	LPT Cable