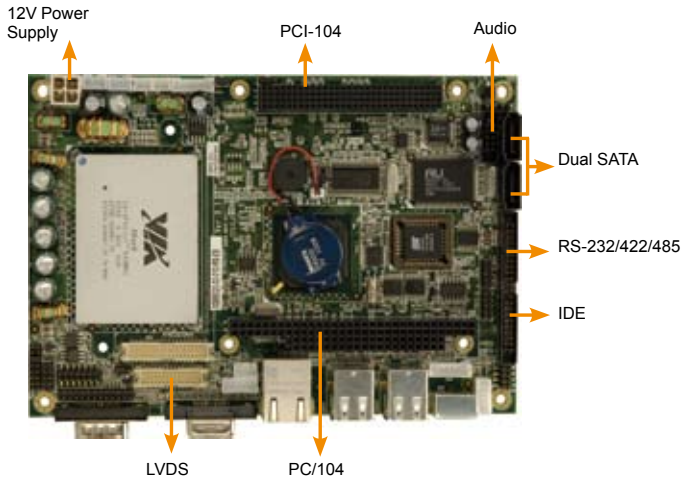


# epic NANO-MARK

EPIC Form Factor with VIA® MARK CPU, SATA, VGA/LVDS, LAN, USB 1.1 and Audio



## Solder Side

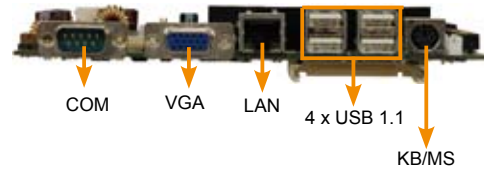


RAM

CF Type II



VIA MARK 800/533MHz  
Fanless CPU Cooler



12V Only

Fanless

SERIAL ATA

RoHS Lead Free

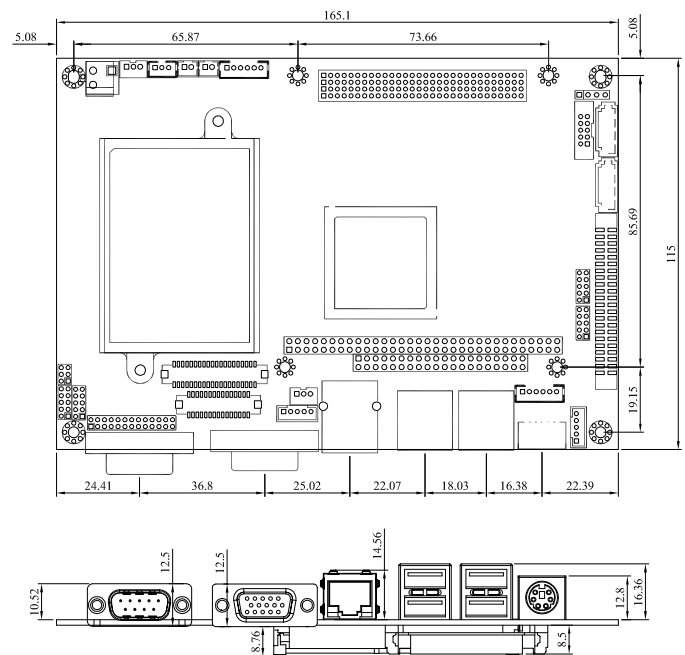
## Specifications

- ◆ **CPU**  
VIA® MARK 533MHz/ 800MHz
- ◆ **System Chipset**  
VIA® MARK + VT82C686B
- ◆ **BIOS**  
Award BIOS
- ◆ **System Memory**  
1 x 144-pin SO-DIMM PC100/133MHz SDRAM up to 512MB
- ◆ **Ethernet**  
10/100bps Realtek RTL8100C Ethernet chipset
- ◆ **I/O Interface**  
4 x USB 1.1  
2 x SATA with ALI M5283 RAID 0,1 function support  
1 x LPT  
1 x CF Type II  
3 x RS-232  
1 x RS-232/422/485  
1 x PS/2  
1 x IDE
- ◆ **Expansions**  
1 x PC/104-Plus
- ◆ **IrDA**  
By super I/O
- ◆ **Audio**  
Realtek ALC655 with AC'97 codec
- ◆ **Digital I/O**  
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ **Super I/O**  
W83977G
- ◆ **Display Interface**  
VGA integrated in VIA® MARK,  
24-bit TTL  
18-bit dual channel LVDS
- ◆ **Watchdog Timer**  
Software programmable 1-255 sec. by super I/O
- ◆ **Power Supply**  
12V only, AT/ATX support
- ◆ **Power Consumption**  
12V@1.46A (VIA® MARK 800MHz, PC133 512MB)
- ◆ **Temperature**  
Operation: 0°C ~ 60°C (32 ~ 140° F)
- ◆ **Humidity**  
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimensions**  
115 mm x 165 mm
- ◆ **Weight**  
GW: 1100 g; NW: 350 g

## Features

1. EPIC form factor, VIA® MARK processor with RoHS compliant
2. PC100/133MHz SO-DIMM
3. 24-bit TTL/ 18-bit dual channel LVDS
4. Complete I/O support with 2 x SATA, IDE, CF Type II, PC/104-Plus and 4 x USB1.1

## Dimensions



## Packing List

- 1 x NANO-MARK Single Board Computer
- 1 x ATA33 IDE Cable (P/N: 32200-000009-RS)
- 1 x KB/MS Y Cable (P/N: 32000-000138-RS)
- 1 x Audio Cable (P/N: 32000-072100-RS)
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x SATA Power Cable (P/N: 32100-088600-RS)
- 1 x Power Cable (P/N: 32100-087100-RS)
- 1 x RS-232 Cable (P/N: 32200-000049-RS)
- 1 x RS-232/422/485 Cable (P/N: 32200-026500-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
NANO-MARK-533-R10	EPIC SBC, VIA® MARK 533MHz Processor, VGA/LVDS, LAN, SATA and Audio
NANO-MARK-800-R10	EPIC SBC, VIA® MARK 800MHz Processor, VGA/LVDS, LAN, SATA and Audio
32100-052100-RS	ATX Power Cable

1 Single Board Computer

2 VIDEO CARD

3 Xscale Solutions

4 Open HMI

5 VITO Universal Controller

6 DINO BLADE

7 LCD Product Series

8 Embedded System

9 Industrial Computer Chassis

10 Power Supply

11 Peripherals