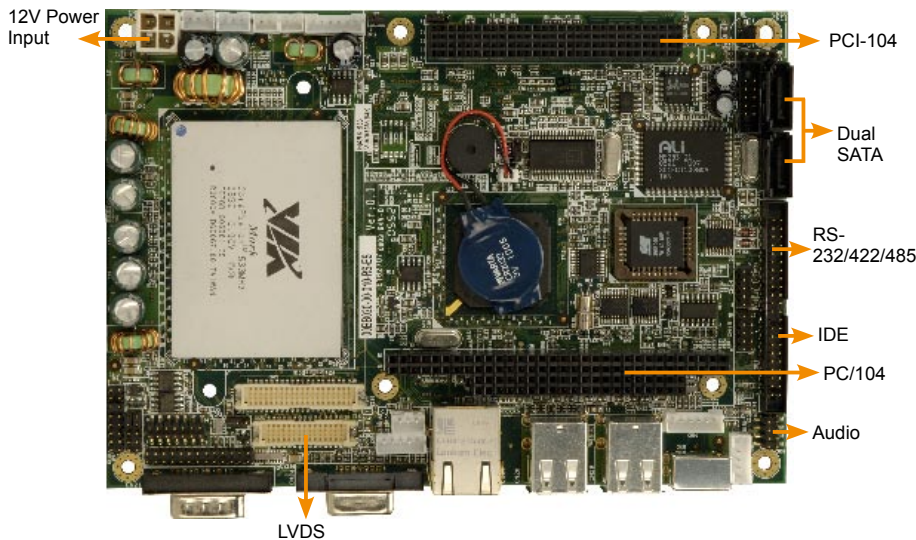
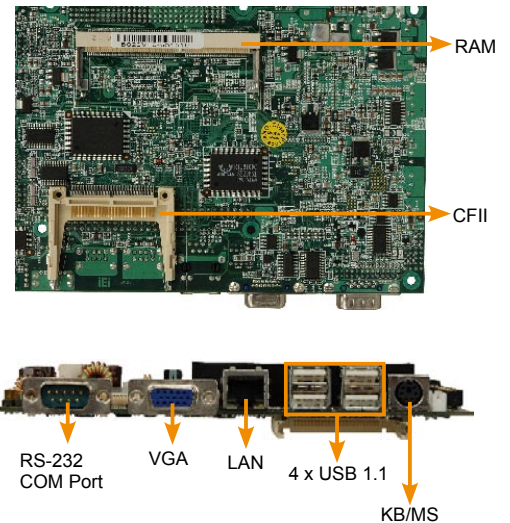


# NANO-MARK

**EPIC Form Factor NANO-MARK with VIA MARK onboard CPU, SATA, CRT/LVDS, LAN, USB 1.1 and Audio**



## Solder Side



## Feature

1. EPIC form factor, New VIA MARK processor embedded board with RoHS compliant
2. PC100/133 SO-DIMM
3. 36-bit LVDS support flat panel and CRT
4. Complete I/O support with 2 x SATA-150, IDE, CFII, PC/104+ and 4 x USB1.1

## Specification

DDR400



- ◆ **CPU**  
VIA MARK 800MHz  
VIA MARK 533MHz
- ◆ **System Chipset**  
VIA VT82C686B
- ◆ **BIOS**  
AMI BIOS
- ◆ **System Memory**  
1 x 144-pin PC100/133 SO-DIMM
- ◆ **Ethernet**  
Realtek RTL8100C for 10/100 Mbps
- ◆ **I/O**  
4 x USB 1.1  
2 x SATA  
1 x LPT  
1 x CFII  
3 x RS232, 1 x RS232/422/485  
1 x PS/2 Mini DIMM  
1 x 44-pin IDE
- ◆ **Extension**  
1 x PC/104+
- ◆ **IrDA**  
by super I/O
- ◆ **Audio**  
AC'97 2.3 Realtek ALC655
- ◆ **Digital I/O**  
4 input / 4 output by super I/O
- ◆ **Super I/O**  
W83977G
- ◆ **Display**  
Integrated in VIA MARK, Support CRT and TFT/LVDS LCD displays
- ◆ **LVDS**  
24-bit TTL/dual 18 bit LVDS integrated in VIA MARK
- ◆ **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 800 PC133 512MB)
- ◆ **Temperature**  
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**  
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimension**  
115mm x 165 mm
- ◆ **Weight**  
GW: 1100g; NW: 350g

IEI is committed to compliance with all applicable laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) in electrical and electronic products. The goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. With IEI 's new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

[illegible]

1x NANO-MARK Single Board Computer	1x Power Cable P/N: 32100-087100-RS
1x ATA33 IDE Cable P/N:32200-000009-RS	1x RS232 Cable P/N: 32200-000049-RS
1x KB/PS2 Mouse Y Cable P/N: 32000-000138-RS	1x RS232/422/485 Cable P/N: 32200-026500-RS
1x Audio Cable P/N: 32000-072100-RS	1x Mini Jumper Pack
2x SATA Cable P/N: 32000-062800-RS	1x Utility CD
1x SATA Power Cable P/N: 32100-088600-RS	1x QIG (Quick Installation Guide)

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