

# SBC

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## EB-381LF

VIA Mark Mini Board w /  
VGA / Audio / LAN

### Features :

- Support VIA Mark CPU up to 533MHz
- Equipped with Mark + VT82C686B with FSB 100/133MHz
- Memory Supports PC100/133 SDRAM up to 512MB
- Support Compact Flash
- Expansion Slots for PC104



**PROTECH SYSTEMS**

*It's the right choice*

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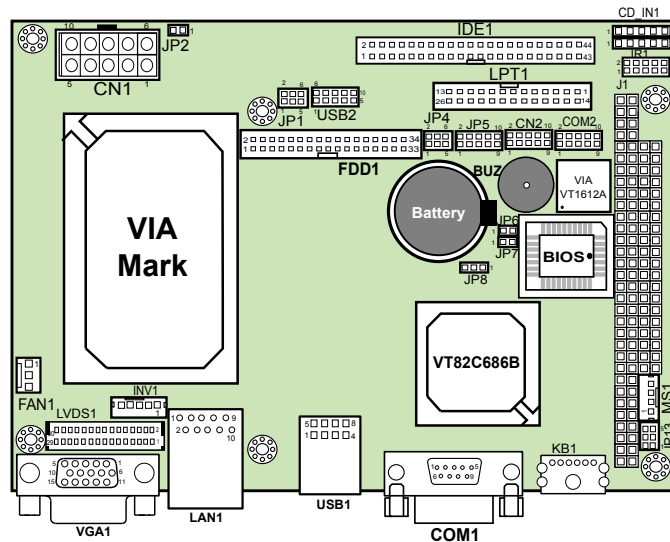
ISO CERTIFIED

9001 | 14001



# EB-381LF

VIA Mark Mini Board w / VGA / Audio / LAN



## Specifications

System	
<b>CPU Type</b>	VIA Mark Processor
<b>CPU Frequency</b>	533/800MHz
<b>Chipset</b>	Mark + VT82C686B (FSB : 100/133MHz)
<b>DRAM</b>	1 x 144-pin SO-DIMM, support PC100/133 SDRAM up to 512MB
<b>BIOS</b>	Phoenix-Award PnP BIOS, with VGA BIOS
<b>Watchdog</b>	16 level Watchdog timer selectable w/Reset/NMI
<b>Power Supply</b>	Supports AT/ATX power
<b>Power Requirement</b>	+5V, +12V
<b>Power Consumption</b>	+5VSB : 0.78A / +5V : 3.32A / +12V : 1.52A (VIA Mark 533MHz)
<b>Dimension</b>	102mm x 145mm (4.02" x 5.71")

## I/O Chipset

<b>IDE Interface</b>	1 x 44-pin IDE
<b>CF</b>	1 x compact flash slot (IDE)
<b>FDD Interface</b>	1
<b>Bus Interface</b>	PC/104
<b>Serial Port</b>	2 x COM ports, COM1 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
<b>Parallel Port</b>	1 x parallel (SPP / EPP / ECP)
<b>IrDA</b>	1 (SIR)

<b>Keyboard</b>	Mini DIN connector or Y-cable
<b>Mouse</b>	External connector or Mini Din connector with Y-cable
<b>LAN</b>	Realtek RTL8100BL (10/100Mbps) Support Wake-on-LAN with ATX power
<b>Audio</b>	AC '97 Codec, Realtek ALC202A with Line-in / Line-out / MIC
<b>USB</b>	4 x USB 1.1

## Display

<b>Graphic</b>	Built-in VIA Mark, share system memory, Support CRT & LVDS, TV-OUT
<b>LCD Interface</b>	18/36-bit LVDS

## Environment

<b>OperationTemp.</b>	0°~60°C(32°~140°F)
<b>Storage Temp.</b>	-40°~85°C(-40°~185°F)
<b>Humidity</b>	Operation humidity 20~90%, Storage humidity 20~95%

## Ordering Information

<b>EB-381LF-C533</b>	3.5" SBC w VIA Mark 533MHz / VGA / Audio / TV / LAN
<b>EB-381LF-C800</b>	3.5" SBC w VIA Mark 800MHz / VGA / Audio / TV / LAN
<b>Certificate: CE, FCC, CLASS A</b>	

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