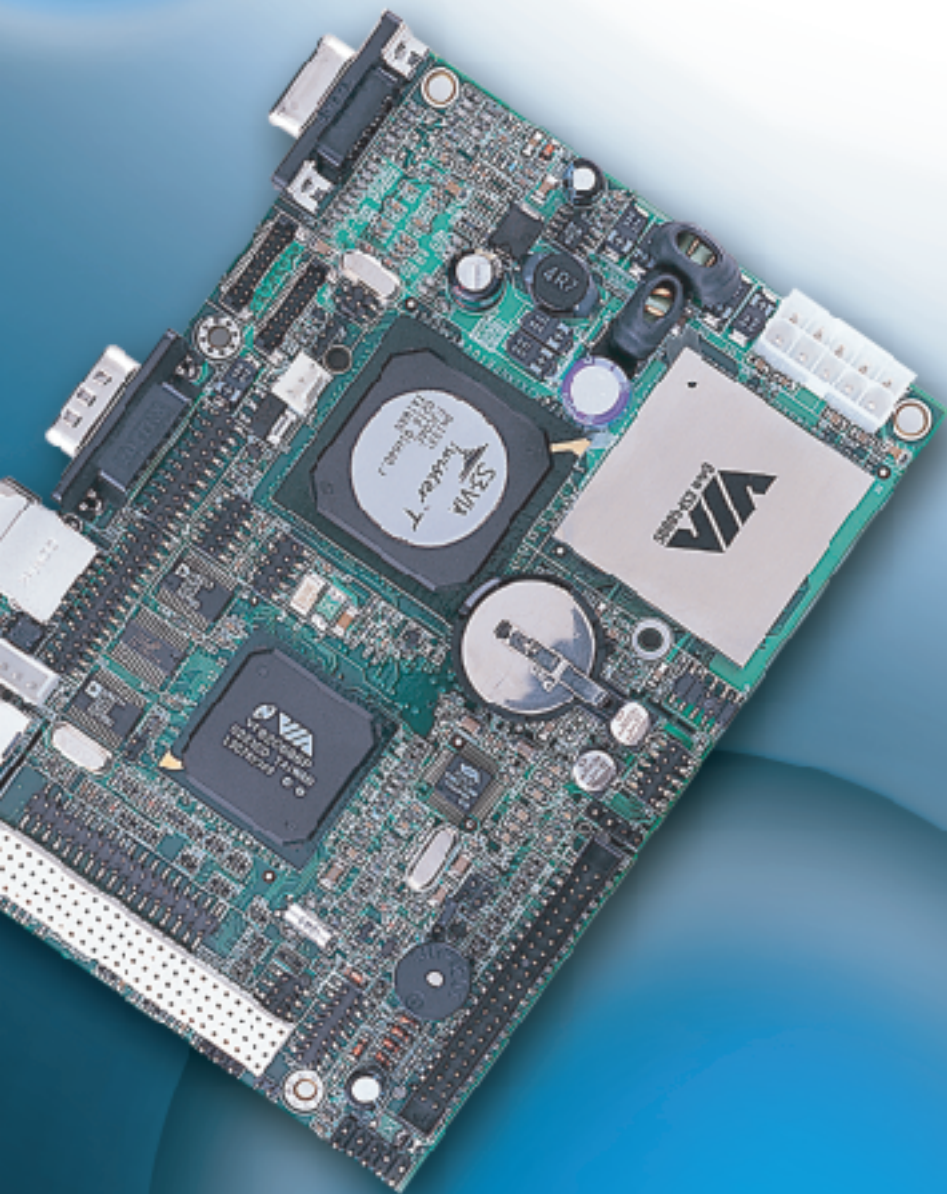


# SBC



## Prox-1230 VIA® Eden LP Mini Board w/VGA/Sound/LAN

**Prox-1230** is a 3.5" mini board built-in with VIA® Eden Low Power CPU at speed of 667 or 800MHz, VGA, Sound, LAN and other enhanced I/O interface. It is designed for systems required compact board controllers with multi-functions. It has VGA function (up to 32MB share® memory) built-in VIA® VT8606 chip (Code: Twister) to simultaneously display both CRT monitor and LCD panel. Together with the VGA function, Prox-1230 is also equipped with VIA® VT1612A AC'97 Codec sound chip providing stereo full duplex multimedia environment to achieve conferencing and communication. All these features help the Prox-1230 to perform the best quality of graphic image, animation and sound.

It also provides solutions for networking systems. It is built with Realtek® 8100BL to support 10/100 Base TX fast Ethernet and Wake-On-LAN function. It has one 144-pin SO-DIMM socket supporting up to 128 MB DRAM, and one innovative CompactFlash socket allowing users to set as a boot-up drive with lower cost and more size of memories instead of the limitation by Disk-On-Chip.



No. 24, Lane 365, Yang Guang St., Nei Hu District, Taipei 114, Taiwan, R.O.C.

Tel: +886-2-8751-1111

Fax: +886-2-8751-1199

Email: [sales@protech.com.tw](mailto:sales@protech.com.tw)

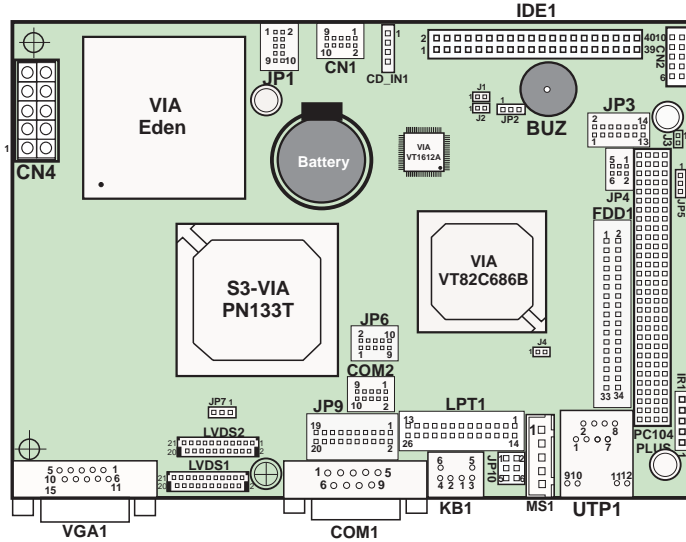
<http://www.protech.com.tw>

**Intel®**  
**Communications.**  
**Alliance**  
Affiliate Member  
BRONZE

**ISO CERTIFIED**  
**9001 14001**

# Prox-1230

VIA® Eden LP Mini Board w/ VGA/Sound/LAN



## Specifications

<b>CPU Type</b>	VIA Eden™ low power CPU on board
<b>CPU Voltage</b>	Auto detect
<b>CPU Frequency</b>	400/733MHz
<b>Chipset</b>	VIA 8606, VT82C686B
<b>DRAM</b>	1 x 144-pin SO-DIMM up to 256MB
<b>Cache</b>	Built-in CPU
<b>BIOS</b>	Phoenix-Award PnP BIOS 2 MB, with VGA BIOS
<b>I/O Chipset</b>	2 x EIDE (UDMA-33/66/100)
<b>IDE Interface</b>	1
<b>FDD Interface</b>	1
<b>Serial Port</b>	2 x 16550 UART, COM2 for RS232/422/485
<b>Parallel Port</b>	1 x parallel (SPP/EPP/ECP)
<b>Watchdog</b>	16 level Watchdog Timer selectable w/ Reset/NMI
<b>CMOS</b>	Built-in VIA VT82C686B
<b>Keyboard</b>	Mini DIN connector (selectable w/ keyboard/Y-cable)
<b>Mouse</b>	Mini DIN connector (selectable w/ KB/Y-cable)
<b>VGA</b>	Build-in VIA 8606, up to 32M shared memory for CRT & LVDS (36-bit)
<b>Sound</b>	VIA VT1612A, AC '97 Codec

<b>LAN</b>	RTL 8100BL, 10/100 Base-TX Ethernet 1 x RJ-45 Jack, support Wake-on-LAN
<b>IrDA</b>	1 x IrDA (SIR)
<b>USB</b>	2 x USB 1.1
<b>Bus Interface</b>	PC/104 Plus Bus
<b>Power Supply</b>	Support ATX 12V power
<b>Power Requirement</b>	+5V and +12V
<b>Hardware Monitor</b>	Voltage, CPU temp. & cooling fan
<b>Green Function</b>	Controlled by hardware & software
<b>Mechanical and Environment</b>	
<b>Operation Temp.</b>	0°C ~ 60°C, 32°F ~ 140°F
<b>Storage Temp.</b>	-40°C ~ 85°C, -40°F ~ 185°F
<b>Humidity</b>	20~90%
<b>Vibration</b>	2.5g acceleration over 5 to 2000Hz sine wave(p-p), 1 oct/min sine sweep
<b>Shock</b>	30g, 11 msec duration, half-sine shock pulse
<b>Dimension</b>	102mm x 145mm, 4.02" x 5.71"
<b>Available Models</b>	
<b>Prox-1230 with VGA/Sound/LAN</b>	

## PERFORMANCE & POWER CONSUMPTION

CPU Type	Business Winstone 99	Business Winstone 2000	Business Winstone 2001	Power Consumption +5V and +12V
VIA® C3 667MHZ	28.3	15.2	18.6	2.4A / 0.2A

All of trademarks and brand names are the property of their owners. Trademark "Protech" is the property of Protech Systems Co., Ltd. All information contained in this document is subject to change without any prior notice. This catalog is copyrighted in Nov. 2003.