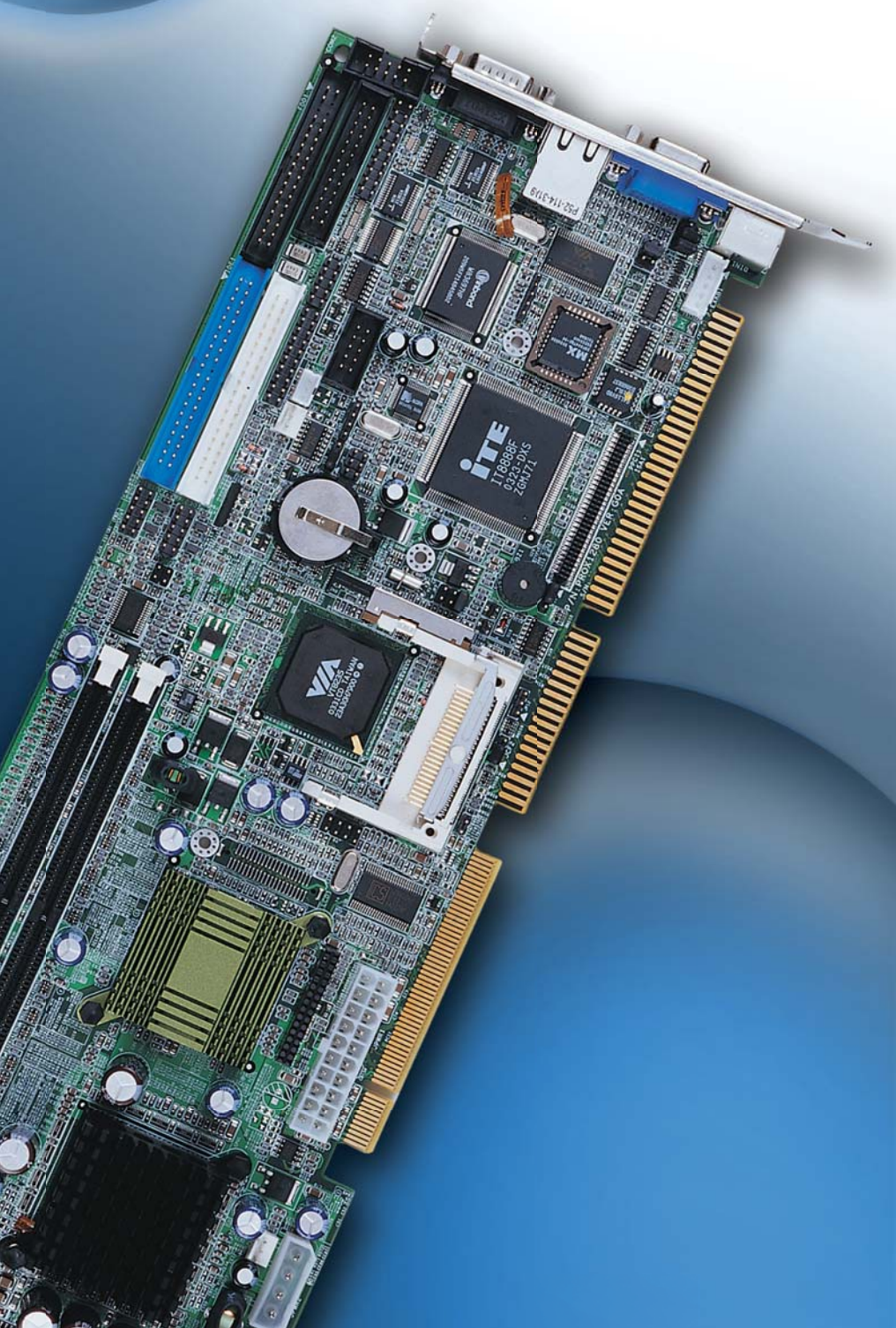


# SBC



## Prox-1280

### VIA Eden™ Low Power Full-size CPU Card With VGA/Sound/LAN

**Prox-1280** is a full-size CPU card built-in with VIA Eden™ low power CPU at speed of 400/667MHz, VGA, Sound, LAN and other enhanced I/O interfaces. It is suitable for systems required a card controller with multi-functions. It has VGA function (up to 32MB share memory) built-in VIA CLE266 chip to simultaneously display both CRT monitor and LCD panel. Together with the VGA function, Prox-1280 is also equipped with Realtek ALC201A AC'97 Codec sound chip providing stereo full duplex multimedia environment to achieve conferencing and communication. All these features help the Prox-1280 to perform the best quality of graphic image, animation and sound.

It also provides solutions for networking systems. Embedded with VIA VT6103, the CPU card supports 10/100 Base-TX fast Ethernet. It has two 184-pin DDR DIMM sockets supporting up to 2GB DDR DRAM, one Compact Flash slot, and one PPCI bus for other expanded applications.

Other features include a 32-pin SSD socket supporting Disk-on-chip up to 288MB, 2 EIDE interfaces, 4 USB 2.0, 1 parallel, and 2 COM ports, one of which can be configured as RS-232/422 or RS-485.



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

Tel: +886-2-8751-1111

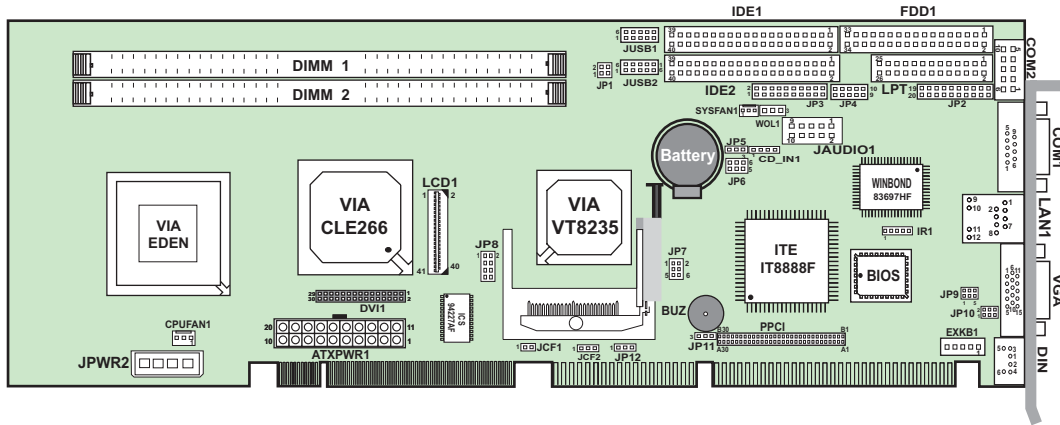
Fax: +886-2-8751-1199

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

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

ISO CERTIFIED  
9001 14001

# Prox-1280 *VIA Eden™ LP Full-size CPU Card w/ VGA/Sound/LAN*



## Specifications

<b>CPU Type</b>	VIA Eden™ CPU on board
<b>CPU Voltage</b>	Auto Detect
<b>CPU Frequency</b>	400 (667MHz optional)
<b>Chipset</b>	VIA CLE266 + VT8235
<b>DRAM</b>	2 x 184-pin DDR DIMM up to 2GB
<b>BIOS</b>	Phoenix-Award PnP BIOS 2MB, with VGA BIOS
<b>I/O Chipset</b>	Winbond W83697HF
<b>IDE Interface</b>	2 x EIDE (UDMA-33/66/100/133)
<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 VT8235
<b>Keyboard</b>	Mini DIN connector and external connector
<b>Mouse</b>	Mini DIN connector (selectable w/ KB/Y-cable)
<b>Speaker</b>	Internal buzzer
<b>IrDA</b>	1 x IrDA (SIR)
<b>VGA</b>	Built-in VIA CLE266, support CRT and DVI
<b>Sound</b>	AC '97 Codec

<b>LAN</b>	VIA VT6103, 10/100 Base-TX Ethernet 1 x RJ-45 Jack, support Wake-on-LAN w/ ATX power
<b>USB</b>	4 x USB 2.0
<b>Bus Interface</b>	ISA/PCI (PICMG Spec.), 1 x Compact Flash slot PPCI Bus optional for PPCI Daughter board
<b>Power Supply</b>	Support AT/ATX power
<b>Power Requirement</b>	+5V
<b>Hardware Monitor</b>	Voltage, CPU temp. & coolinf fan
<b>Green Function</b>	Controlled by hardware and software
<b>Mechanical and Environment</b>	
<b>Operation</b>	0°C ~ 60°C, 32°F ~ 140°F
<b>Temperature</b>	
<b>Storage</b>	-40°C ~ 85°C, -40°F ~ 185°F
<b>Temperature</b>	
<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>	338.5mm x 122mm, 13.33" x 4.8"
<b>Certificate: CE, FCC CLASS A</b>	

## PERFORMANCE & POWER CONSUMPTION

CPU Type	3D Mark 2001 SE Build 330	Business Winstone 2001	Content Creation Winstone 2001	Power Consumption +5V and +12V
VIA Eden™ 667MHz	297	20.7	21	3.5A / 0.12A

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 Sep. 2003.