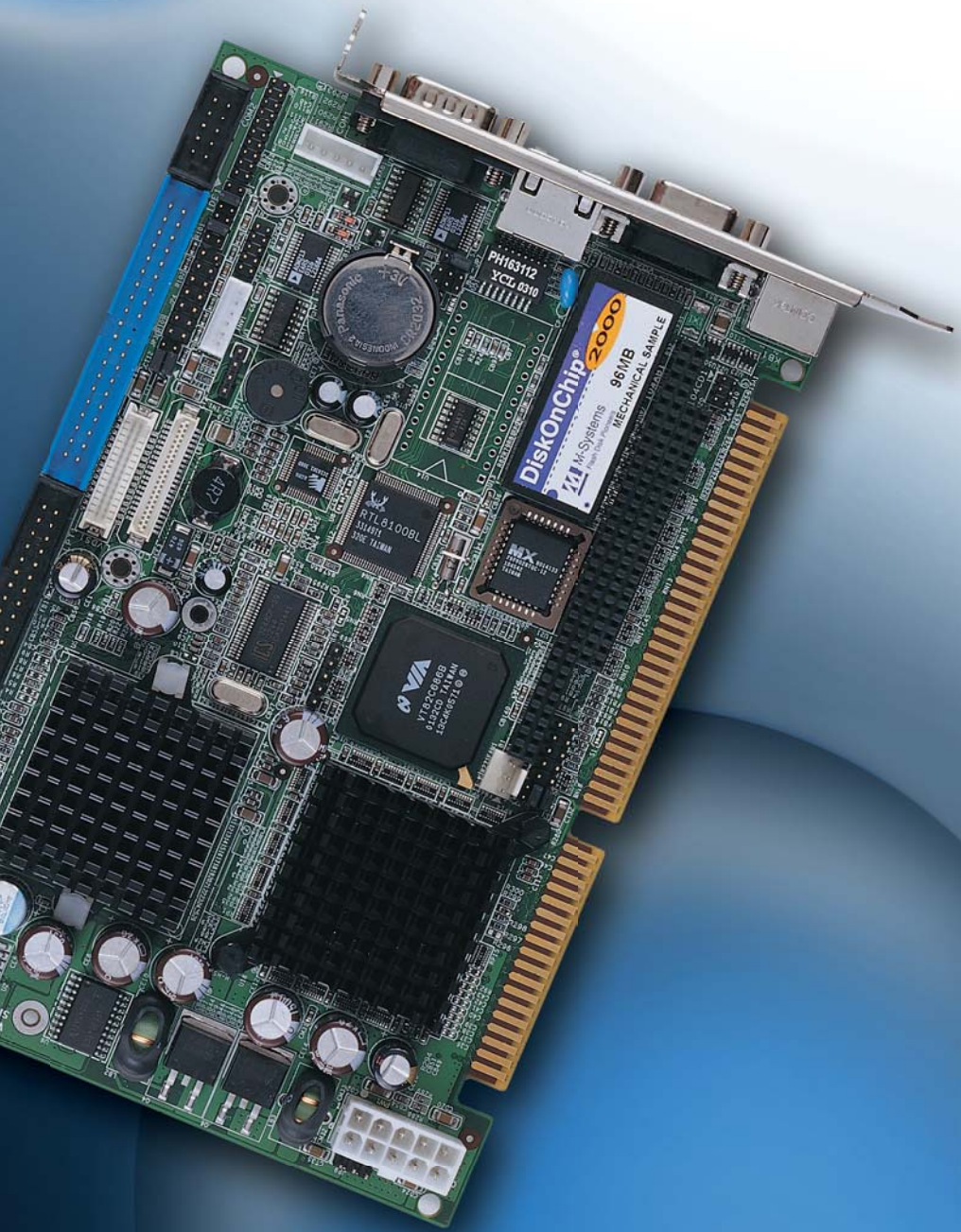


# SBC



## Prox-1260

### VIA Eden™ Low Power Half-size Card with VGA/Sound/LAN

**Prox-1260** is a half-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 compact size systems required a card controller 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-1260 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-1260 to perform the best quality of graphic image, animation and sound.

It also provides solutions for networking systems. Embedded with Realtek 8100BL, the CPU card supports 10/100 Base-TX fast Ethernet. It has one 144-pin SO-DIMM socket supporting up to 512MB DRAM, and one PC/104 bus for other expanded applications.

Other features include a 32-pin SSD socket supporting Disk-on-chip up to 288MB, an external RTC, one EIDE interface, 2 USB, 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>

Intel®  
Communications.

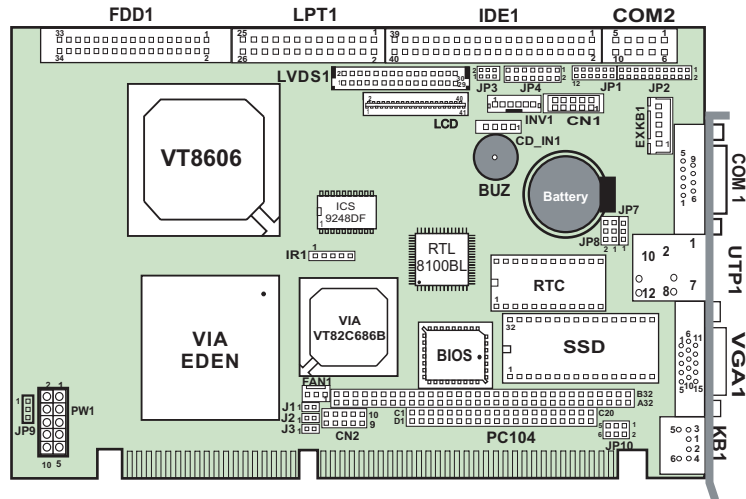
Alliance  
Affiliate Member  
BRONZE

ISO CERTIFIED

9001 14001

# Prox-1260

VIA Eden™ LP 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 up to 800MHz
<b>Chipset</b>	VIA 8606, VT82C686B
<b>DRAM</b>	1 x 144-pin SO-DIMM up to 512MB
<b>Cache</b>	Built-in CPU
<b>BIOS</b>	Phoenix-Award PnP BIOS 2MB, with VGA BIOS
<b>I/O Chipset</b>	Built-in VT82C686B
<b>IDE Interface</b>	1 x EIDE
<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 Time selectable w/ reset/ NMI
<b>CMOS</b>	Built-in VT82C686B or external RTC (option)
<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 & external speaker connector
<b>VGA</b>	Built-in VIA8606, up to 32M shared memory for CRT, TTL (18/24-bit) & LVDS (18/36-bit) panel
<b>Sound</b>	Realtek ALC201A, AC '97 Codec

<b>LAN</b>	RTL 8100BL, 10/100 Base-TX Ethernet 1 x RJ-45 Jack
<b>SSD</b>	32-pin socket supports DOC up to 288MB
<b>USB</b>	2 x USB 1.1
<b>Bus Interface</b>	ISA Bus, PC/104 Bus
<b>Power Supply</b>	Support AT/ATX power
<b>Power Requirement</b>	+5V and +12V
<b>Hardware Monitor</b>	Voltage, CPU temp. & coolinf fan
<b>Green Function</b>	Controlled by hardware and software

## Mechanical and Environment

<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>	185mm x 122mm, 7.28" x 4.8"

## Available Models

**Prox-1260 with Eden™ 400 CPU/VGA/Sound/LAN**

**Prox-1261 with Eden™ 667 CPU/VGA/Sound/LAN**

**Certificate: CE, FCC CLASS A**

## PERFORMANCE & POWER CONSUMPTION

CPU Type	Business Winstone 99	Business Winstone 2000	Business Winstone 2001	Power Consumption +5V and +12V
VIA Eden™ 400MHz	24.2	14.5	12.9	2.10A / 0.08A2.53A
VIA Eden™ 667MHz	31.9	22.6	20.6	/ 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 Aug. 2003.