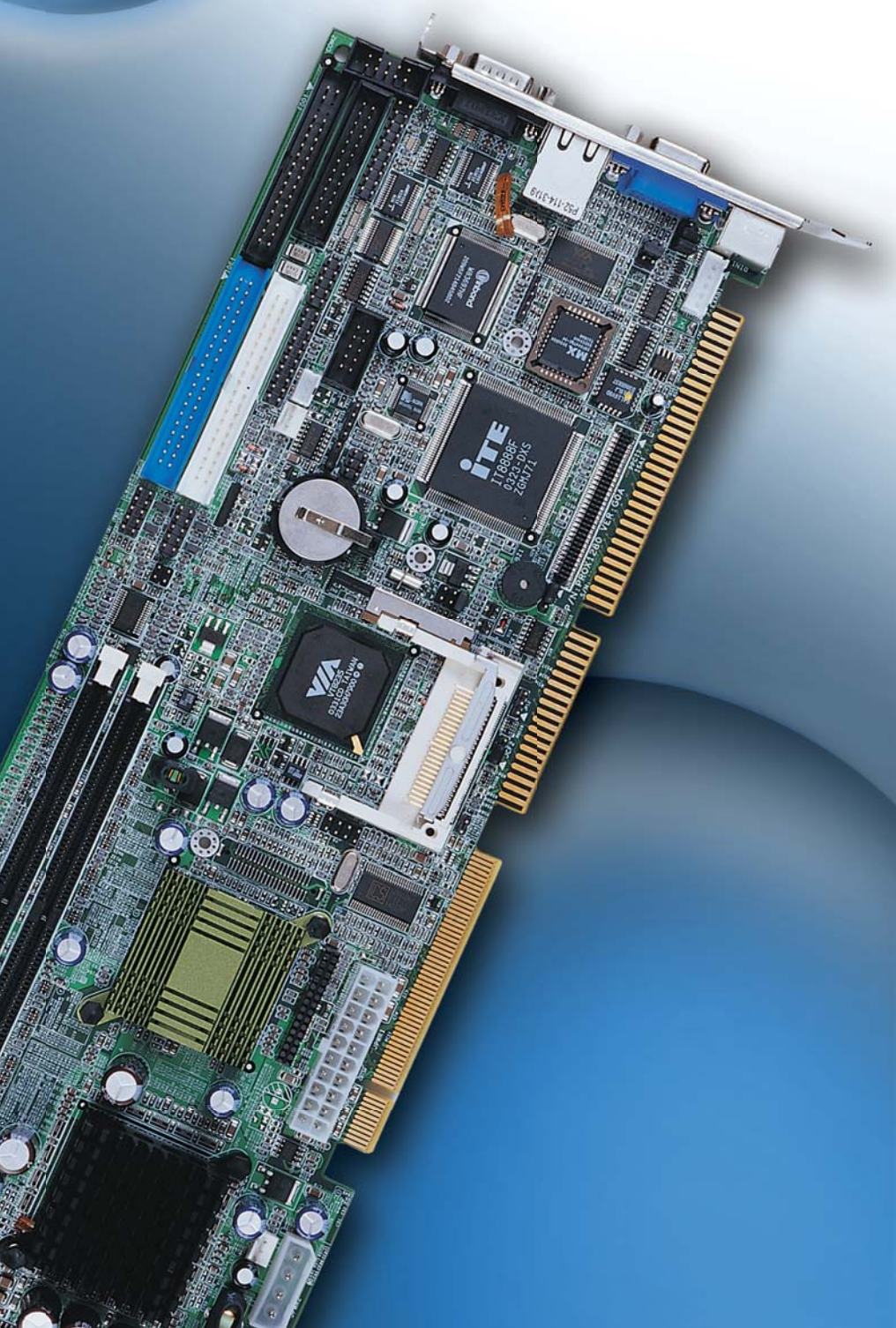


SBC



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.



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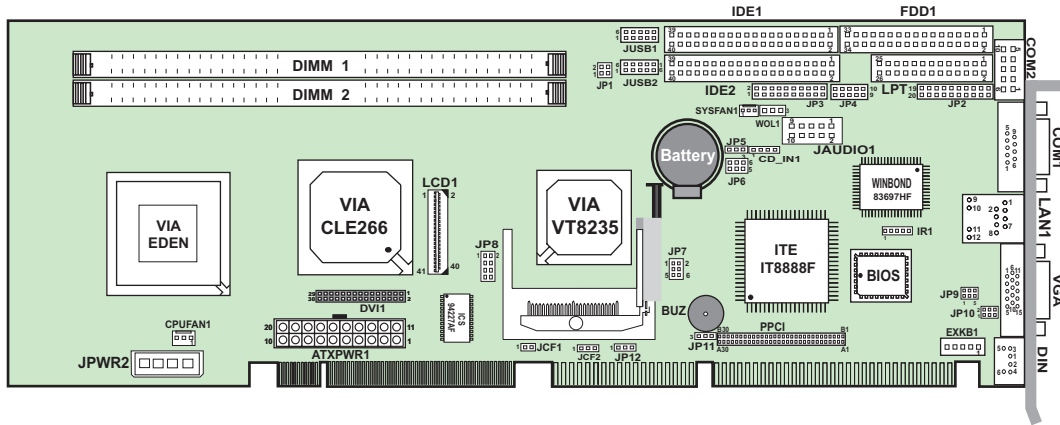
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<http://www.protech.com.tw>

ISO CERTIFIED
9001 14001

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



Specifications

CPU Type	VIA Eden™ CPU on board
CPU Voltage	Auto Detect
CPU Frequency	400 (667MHz optional)
Chipset	VIA CLE266 + VT8235
DRAM	2 x 184-pin DDR DIMM up to 2GB
BIOS	Phoenix-Award PnP BIOS 2MB, with VGA BIOS
I/O Chipset	Winbond W83697HF
IDE Interface	2 x EIDE (UDMA-33/66/100/133)
FDD Interface	1
Serial Port	2 x 16550 UART, COM2 for RS232/422/485
Parallel Port	1 x parallel (SPP/EPP/ECP)
Watchdog	16 level Watchdog Timer selectable w/ reset/ NMI
CMOS	Built-in VIA VT8235
Keyboard	Mini DIN connector and external connector
Mouse	Mini DIN connector (selectable w/ KB/Y-cable)
Speaker	Internal buzzer
IrDA	1 x IrDA (SIR)
VGA	Built-in VIA CLE266, support CRT and DVI
Sound	AC '97 Codec

LAN	VIA VT6103, 10/100 Base-TX Ethernet 1 x RJ-45 Jack, support Wake-on-LAN w/ ATX power
USB	4 x USB 2.0
Bus Interface	ISA/PCI (PICMG Spec.), 1 x Compact Flash slot PPCI Bus optional for PPCI Daughter board
Power Supply	Support AT/ATX power
Power Requirement	+5V
Hardware Monitor	Voltage, CPU temp. & coolinf fan
Green Function	Controlled by hardware and software
Mechanical and Environment	
Operation	0°C ~ 60°C, 32°F ~ 140°F
Temperature	
Storage	-40°C ~ 85°C, -40°F ~ 185°F
Temperature	
Humidity	20~90%
Vibration	2.5g acceleration over 5 to 2000Hz sine wave(p-p), 1 oct/min sine sweep
Shock	30g, 11 msec duration, half-sine shock pulse
Dimension	338.5mm x 122mm, 13.33" x 4.8"
Certificate: CE, FCC CLASS A	

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

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