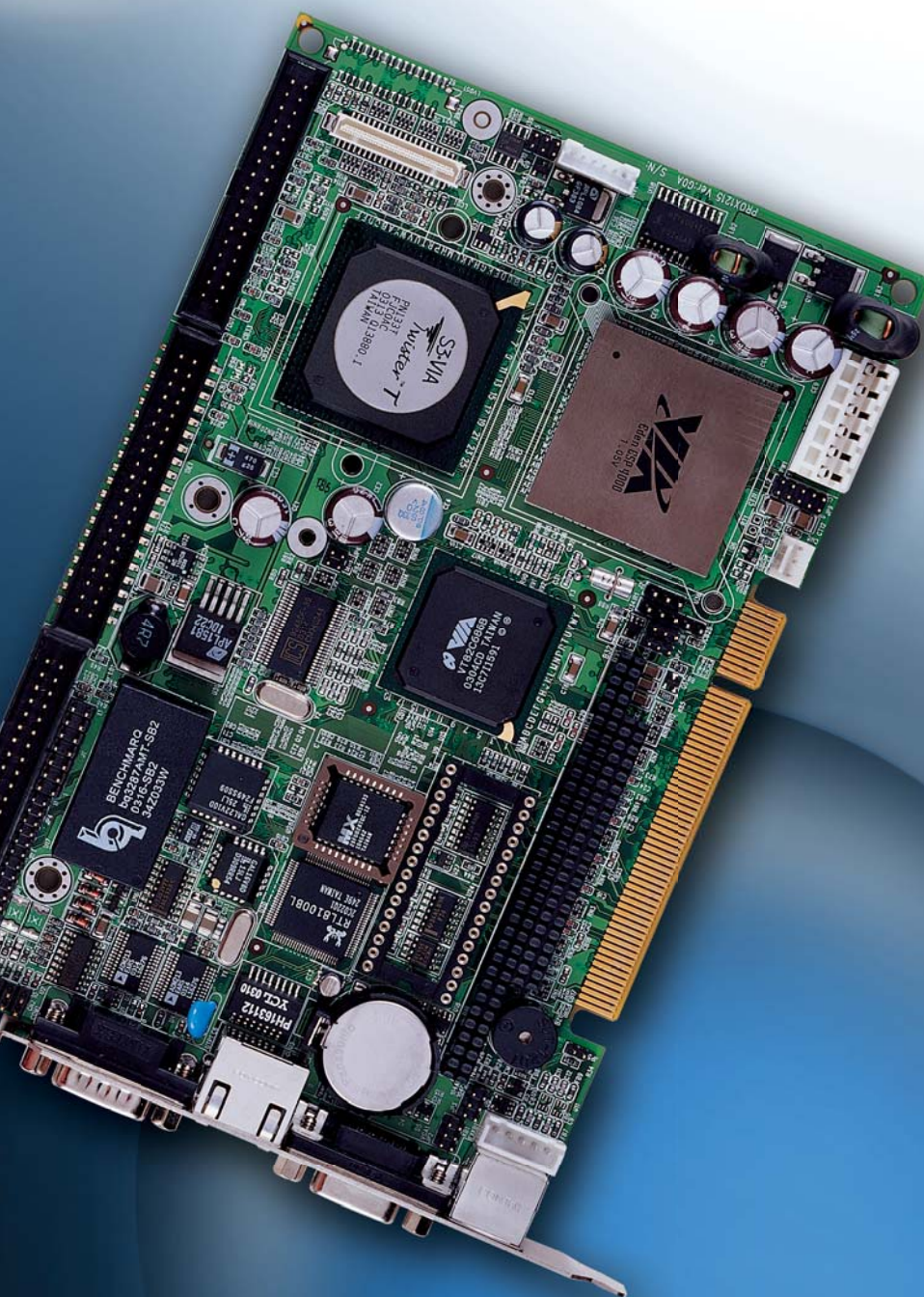


# SBC



## Prox-1215

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

**Prox-1215** is a new embedded computing platform for low power, fanless applications based on industrial standard form factor of Half-size PCI CPU card equipped with VIA Eden™ LP CPU at speed of 400/733MHz. The fanless VIA Eden™ processor is a low power, high performance, and highly integrated x86 platform providing the most flexible, compatible, and cost-effective solution for new generation of connected digital information & entertainment devices.

The chipset, VT8606, provides VGA function up to 32 MB shared memory and simultaneously supports for CRT, and TTL display. The Prox-1215 is also 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 512MB DRAM. Other than these, Prox-1215 also has one enhanced EIDE (UDMA33/66/100), one FDD interface, two serials, one parallel, one IrDA, and two USB ports.

The Prox-1215 also supports PC/104 and designed to meet the needs of applications that require extraordinary computing performance and reliability. It can run Windows 95/98/2000/XP, Linux 7.3 as well as embedded real-time applications. As a result, it is the ultimate solution for telecommunications, Internet, industry automation, and network computing applications.



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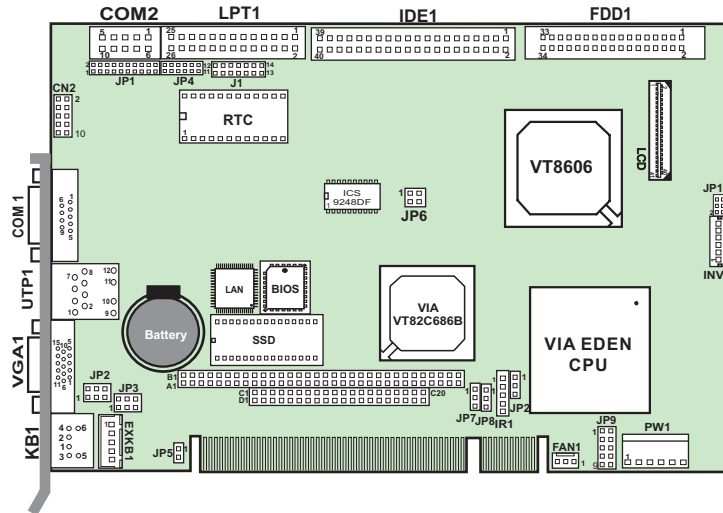
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# Prox-1215

VIA Eden™ LP Half-size CPU Card w/ VGA/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 VT8606, 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>	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 (24-bit)

<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>	PCI 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
<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>	185mm x 122mm, 7.28" x 4.8"
<b>Certificate: CE, FCC CLASS A</b>	

## ORDERING INFORMATION

Prox-1215 with VGA/LAN

## PERFORMANCE & POWER CONSUMPTION

CPU Type	3D Mark 2001 SE	Business Winstone 2001	Content Creation Winstone 2001	Power Consumption +5V and +12V
VIA Eden™ 400MHz	150	12.8	13.3	1.89A / 0.07A

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