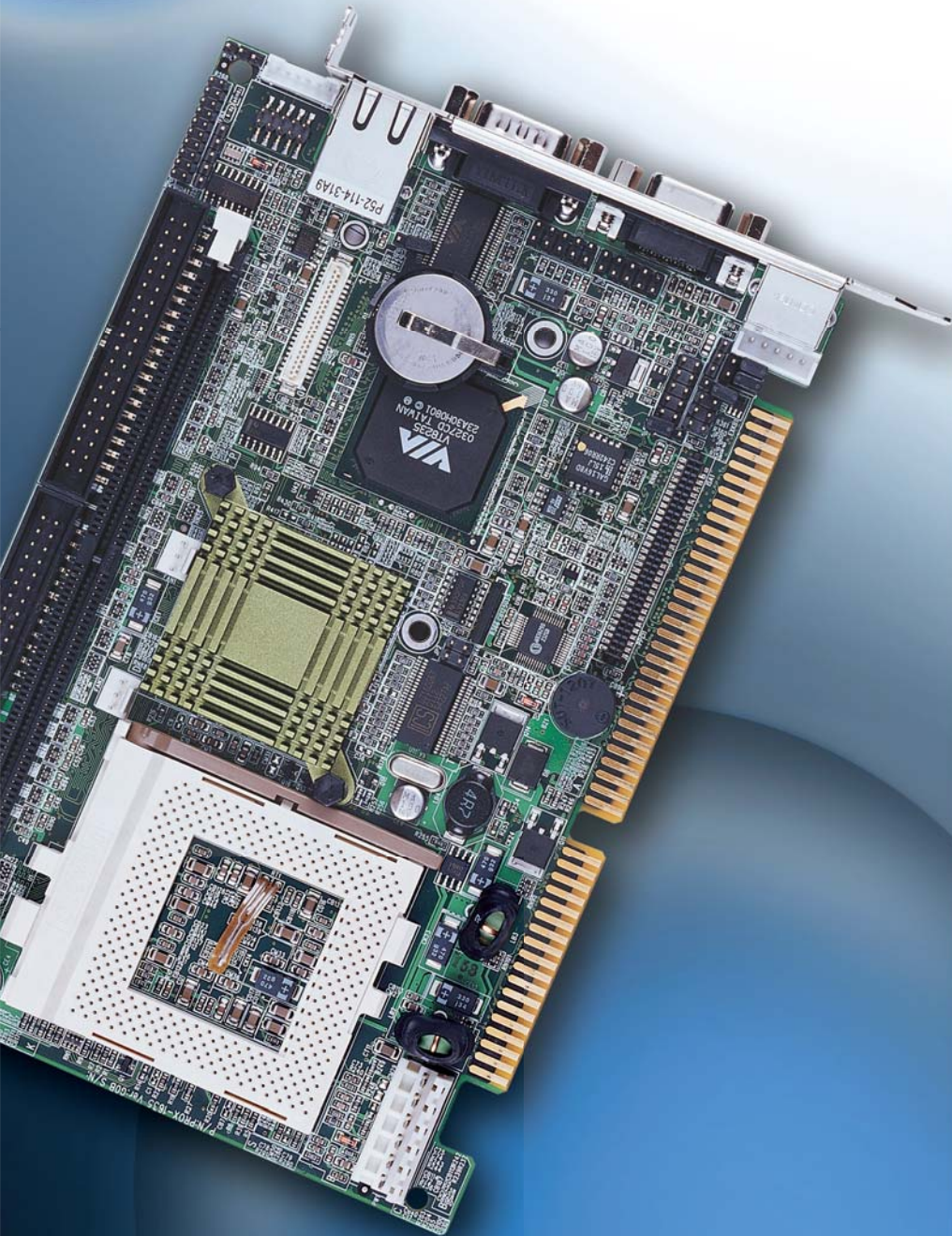


SBC



ISA-1635

Socket 370 Half-size CPU Card with VGA/LAN

ISA-1635 is a half-size CPU card supporting socket 370 Intel® Celeron® / Pentium® III or VIA C3 processors. Based on VIA CLE266 & VT8235 chipset, the CPU card runs up to PIII 1.4GHz that is the fastest CPU available on socket 370 system, bringing industrial automation to the high-speed world. Not only does the ISA-1635 support Intel® most advanced processors, its VGA function is built in VIA CLE266 chip supporting CRT monitor & TTL. Meanwhile, the ISA-1635 is equipped with one 184-pin DDR DIMM socket and strengthened with a great networking function. It is suitable for network applications under the control of PHY VIA 6103 chip, which enables the CPU card to support 10/100 Base-TX Ethernet and Wake-on-LAN function. The ISA-1635 is ideal for many kinds of applications with powerful onboard graphic and LAN capabilities.

Other functions such as one enhanced IDE, two serial, one parallel, four USB 2.0 ports, one PPCI Bus, and one Compact Flash slot is deployed on board.



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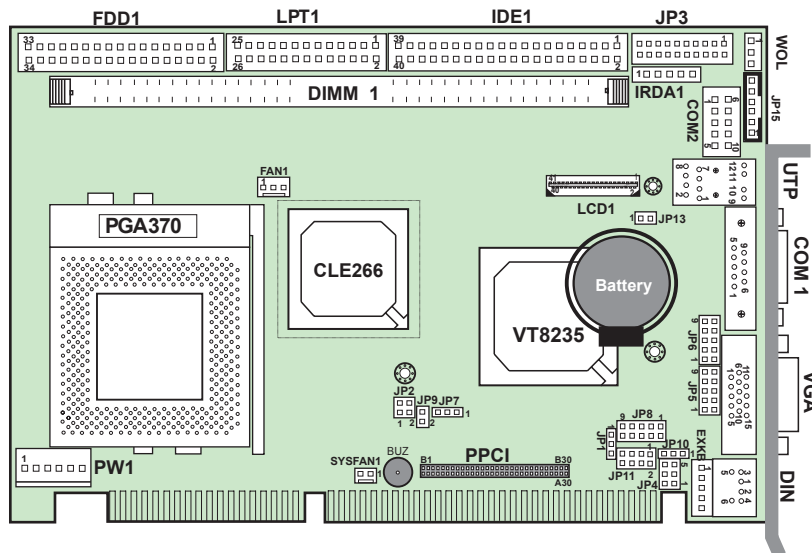
<http://www.protech.com.tw>

ISO CERTIFIED

9001 14001

ISA-1635

Socket 370 P-III Half-size CPU Card with VGA/LAN



Specifications	
System	
CPU Type	Intel® Pentium® III/Celeron® (Tualatin) processor; VIA C3 processor
CPU Frequency	Intel® 566MHz~1.26GHz, VIA 700MHz~1GMHz
Chipset	VIA CLE266 + VT8235
DRAM	1 x 184-pin DDR DIMM, support DDR266 SDRAM up to 1GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	16 level Watchdog timer selectable w/Reset/NMI
Power Supply	Support AT/ATX power
Power Requirement	+5V, +12V
Power Consumption	+5V: 5.85A / +12V: 0.12A (Pentium® III 1.266 GHz) +5V: 5.24A / +12V: 0.10A (Celeron® 600 MHz)
Dimension	185mm x 122mm (7.28" x 4.8")
I/O Chipset	
IDE Interface	1 x 40-pin IDE (UDMA 33/66/100/133)
SSD	1 x compact flash slot (IDE)
FDD Interface	1
Bus Interface	PCI BUS
Serial Port	2 x COM ports, COM1 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)

Parallel	1 x parallel (SPP/EPP/ECP)
IrDA	1 (SIR)
Keyboard	Mini DIN connector or external connector
Mouse	Mini DIN connector (selectable w/ KB) or Y-cable
LAN	VIA VT6103 (10/100Mbps), support Wake-on-LAN with ATX power
USB	4 x USB 2.0

Display	
Graphic	Built-in VIA CLE266, share system memory, support CRT & TTL
LCD Interface	18/24-bit TTL

Environment	
OperationTemp.	0~60°C(32~140°F)
Storage Tmp.	-40~85°C(-40~185°F)
Humidity	Operation humidity 20~90%, storage humidity 20~95%

Ordering Info	
ISA-1635	ISA S370 PIII CPU card with VGA /LAN
Certificate: CE, FCC, CLASS A	

PERFORMANCE & POWER CONSUMPTION

CPU Type	Business Winstone 2001	Content Create Winstone 2001	3D Mark2001SE	Power Consumption +5V and +12V
Pentium® III 1.266GHz	54.7	70.3	935	5.85A / 0.12A
Celeron™ 600MHz	25.4	32.2	482	5.24A / 0.10A

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