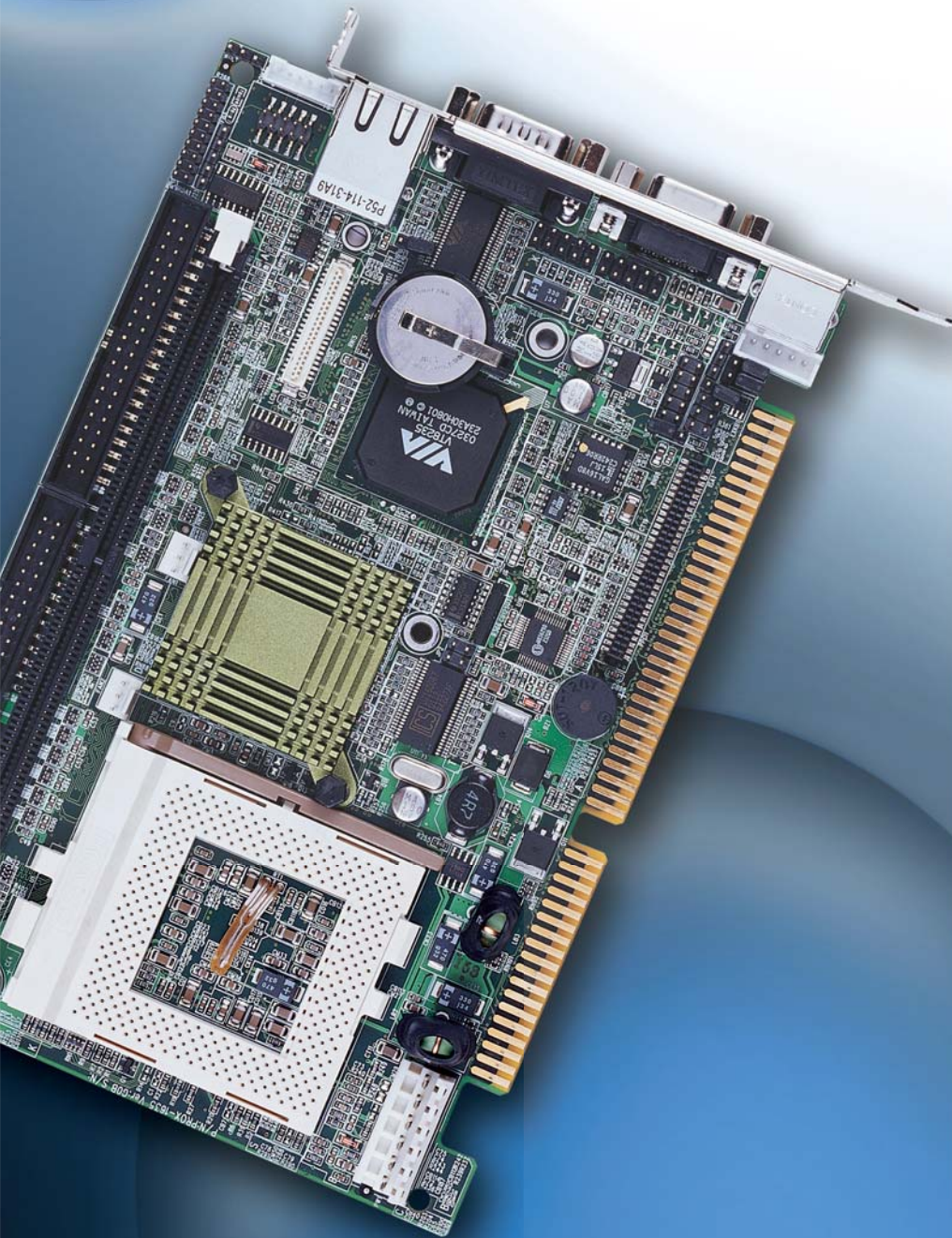


SBC



ISA-1260

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

ISA-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, ISA-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 ISA-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.



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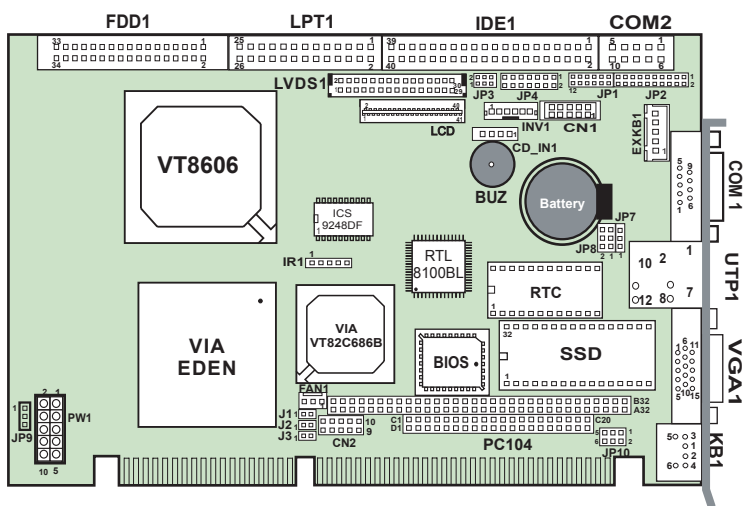
Alliance
Affiliate Member
BRONZE

ISO CERTIFIED

9001 14001

ISA-1260

VIA Eden™ LP CPU Card w/ VGA/Sound/LAN



Specifications

System	
CPU Type	VIA Eden™ processor
CPU Frequency	400/733MHz
Chipset	VIA VT8606 + VT82C686B
DRAM	1 x 144-pin SO-DIMM, support PC100/133 SDRAM up to 512MB
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: 2.10A/+12V: 0.08A (VIA Eden 400MHz)
Dimension	185mm x 122mm (7.28"x 4.8")
I/O Chipset	
IDE Interface	1 x 40-pin IDE (UDMA 33/66/100)
SSD	32-pin socket supports DOC up to 288MB
FDD Interface	1
Bus Interface	PC104
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	Realtek RTL8100BL (10/100 Mbps),support Wake-on-LAN with ATX power
Audio	AC '97 Codec, Realtek ALC202A with Line-in /Line-out/MIC
USB	2 x USB 1.1

Display	
Graphic	Built-in VIA 8606, share system memory, support CRT, TTL & LVDS
LCD Interface	18/24-bit TTL, 18/36-bit LVDS

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

Ordering Info	
ISA-1260-C400	ISA CPU card with VIA Eden 400MHz CPU /VGA /LAN
ISA-1260-C733	ISA CPU card with VIA Eden 733MHz CPU /VGA /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 / 0.08A
VIA Eden™ 667MHz	31.9	22.6	20.6	2.53A / 0.12A

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