

IPC Products

- Full-size CPU Card
- Half-size CPU Card
- 3.25" Embedded SBC
- 5.25" Embedded SBC
- Industrial Motherboard
- Special Form Factor
- Control board
- Barebone System
- ODM/OEM



- ▶ Intel® socket 370 Celeron™/Pentium® III processor
- ▶ VIA Apollo Pro chipset supports up to 133 MHz FSB
- ▶ C&T 69000 SVGA/LCD controller
- ▶ 32-bit PCI-bus 100/10 Mbps Ethernet interface
- ▶ AC97 digital audio interface
- ▶ 4 serial ports: two RS-232 and two RS-232/422/485
- ▶ One PCI slot and One PC/104 connector
- ▶ Two types of FDD Connectors
- ▶ One Ultra DMA/33/66 IDE interface
- ▶ Supports H/W system monitoring

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General Functions

CPU	Intel® socket 370 Celeron™ /Pentium® III processor
BIOS	Award® 256KB Flash BIOS
Cache	128/256 KB on-chip cache
Chipset	VIA Apollo Pro chipset VT82C693A + VT82C686B
I/O Chipset	Built-in I/O + Winbond® 83977EF-AW
Memory	One 168-pin DIMM socket supports up to 256MB
Enhanced IDE	Support up to two IDE devices. Ultra DMA 33/ 66 support
FDD interface	Supports one 34-pin header and one notebook type connector
Parallel port	Support SPP/ECP/EPP
Serial port	Two RS-232 and two RS-232/422 serial ports.
IR interface	Supports one IrDA Tx/Rx header
KB/Mouse connector	9-pin connector supports PC/AT keyboard and PS/2 mouse
USB connectors	Supports dual USB ports
Battery	Lithium battery for data retention of up to 10 years(in normal condition)
Watchdog Timer	Software programmable.
PC/104 Connector	One PC/104 connector
PCI slot	One PCI slot
Power management	Supports AT/ATX power supply. Supports LAN wake up and modem ring-in functions.

Flat Panel/CRT Interface

Chipset	C&T 69000 VGA/AGP controller
Display memory	Built-in 2MB SDRAM
Display type	Display both CRT and Flat Panel simultaneously
Resolution	Up to 1024x768@64K Colors

PCI Sound Interface

Chipset	Realtek® RTL8139C Ethernet controller
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Ethernet interface PCI 100/10 Mbps Ethernet controller
SSD Interface Disk on chip® 2000 series up to 288MB

PCI Sound Interface

Chipset Onboard AC 97codec
Audio controller SoundBlaster Pro Hardware and Direct Sound Ready AC97 Digital Audio
Audio interface Mic in, Line in, Speaker out and CD audio in
Software Driver Driver Support for Windows 95, Windows 98 and windows NT

LVDS Interface

Chipset TI SN75LVDS83 or THine THC63LVDM63A
Performance The transmitter converts 24 bits of CMOS/TTL data into LVDS data stream.

Mechanical and Environmental

Power supply voltage +5V (4.75V to 5.25V), +12V (11.4V to 12.6V)
Max. power requirements 6.2A @ 5 V, 0.6A@ +12V
Operating temperature 32 to 140°F (0 to 60°C)
Board size 8"(L) x 5.75"(W)(203mm x 146mm)
Weight 0.6 lb. (0.3 Kg) (bare)