

PCA-6773



Intel Fanless Celeron® ULV400, 650 or Pentium® 933 CPU on board

4 x AGP graphics for high performance video based applications

18/36-bit TTL/LVDS LCD Support

10/100 Mbps Ethernet

4 USB 1.1 ports

PC/104 Expansion

RS-485 auto-flow

The PCA-6773 targets home automation, POS, Networking, and Kiosk/POI markets. To fulfill the critical demand of these markets, PCA-6773 features a PC/104 expansion interface, large size display support ability, Ethernet LAN and yet still remains a cost-effective solution. The PCA-6773 comes with a VIA 8606 Twister T North Bridge integrated AGP 4X 2D/3D graphics accelerator. The Twister video chip will drive 18 bit/36 bit dual channel LVDS and TTL LCD Displays in addition to a standard analog CRT display. The 10/100Base-Tx Ethernet controllers provide superior networking access ability. The CompactFlash socket can offer a large solid-state Flash Drive for data storage of all types and the integrated AC97 2.0/Sound Blaster legacy audio provides crisp clean sound for multimedia applications. The PCA-6773's design is based on the small Half-Size ISA Card form factor and provides support for Standard ISA Card expansion through the use of a passive ISA backplane. EMAC can provide backplanes and enclosures for the PCA-6773.

Specifications
SBC type.

EMAC Single Board Computers
Processor

Processor:
Onboard Intel Fanless Celeron ULV or Pentium
Clock Speed:
400 MHz
Real Time Clock:
Processor Misc.:
Chipset: VIA TwisterT, VT8606

Memory
BIOS/ Bootloader:
AWARD 256KB Flash BIOS
Primary Flash:
1x CompactFlash™ card Type I/II

Primary I/O
Disk interface:
1x EIDE (Ultra DMA 100)
Audio:
speaker-out/Line-in/Line-out/Mic-in
USB:
4x USB 1.1 compliant port

Serial Ports:
1x RS-232
1x RS-232/422/485
Watchdog:
Primary I/O Misc.:
I/O Chipset: VIA VT82C686B

Parallel port: SPP/EPP/ECP Printer LPT port

IR interface: 115 Kbps SIR, IrDA 1.0 compliant

Secondary I/O
LPT port:
Keypad:
PS/2:

Analog on
A/D:
D/A:

Dimensions
Dimensions:
7.3 × 4.8 in

Weight:
0.27 kg
Form Factor:
Half Size ISA Card

Power Requirements
Voltage:
5 V
Typical Current:

2.5 A

Typical Voltage:

5 V

Max Boot Current:

5 A

Power Misc.:

Power Management: APM 1.1

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing
PCA-6773-J

ULV Celeron 400 MHZ ISA Slot CPU Card

\$0.00

Parent Product:

PCA-6773-M

ULV Celeron 650 MHZ ISA Slot CPU Card

\$0.00

Parent Product:

PCA-6773-R

LV Pentium 933 MHZ ISA Slot CPU Card

\$0.00

Parent Product:

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