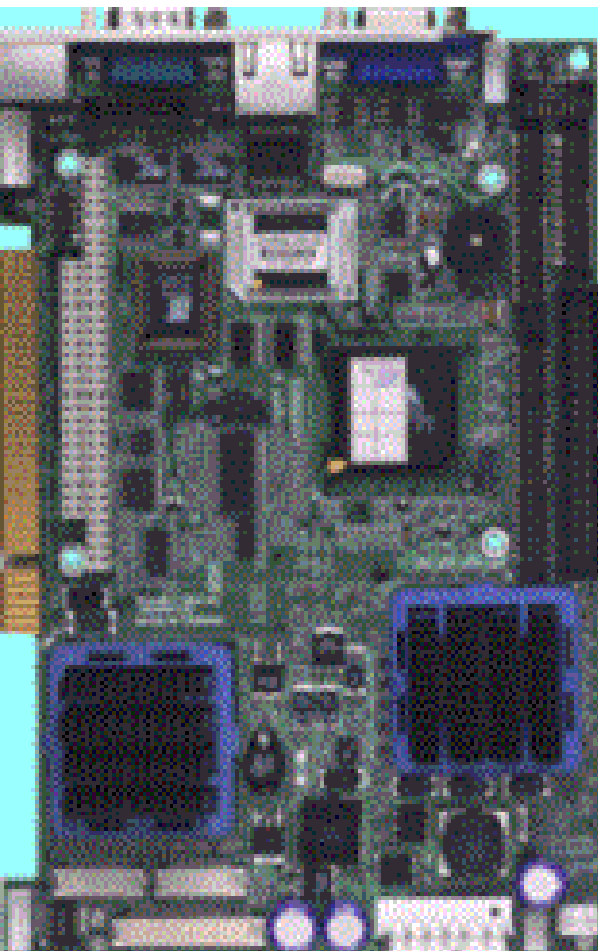


### PCI-6871



Embedded low power VIA Eden 400/667 MHz

Fanless, 0 ~ 60°C (32 ~ 140°F) operation

A 10/100Base-T Fast Ethernet Connection

Supports Compact Flash (SSD) over 1 GB

PCI bus interface

PC/104 expansion connector

The PCI-6871 is an all-in-one VIA Eden processor based single board computer (SBC) with a AGP CRT/LCD controller, a PCI 100Base-T Ethernet interfaces, and a PCI audio interface. The PCI-6871 achieves outstanding performance that surpasses any other SBC in its class. In addition, the onboard SSD interface supports type II Compact Flash, with memory capacity above 1 GB. Onboard features include two serial RS232/422/485 ports, one multi-mode parallel (ECP/EPP/SPP) port, Pin header for four USB (Universal Serial Bus) ports, a floppy drive controller, and a keyboard-PS/2 mouse interface. The built-in high speed PCI IDE controller supports Ultra DMA/100 mode. Up to four IDE devices can be connected, including large hard disks, CD-ROM drives, and tape backup drives, etc. The PCI-6871 also features power management to minimize power consumption. It complies with the ACPI standard and supports three types of power saving features: doze, standby, and suspend mode. In addition, the board's watchdog timer can automatically reset the system or generate an interrupt in case the system stops due to a program bug or EMI. The PCI-6871 is a highly integrated SBC that combines, video, and network functions on a single computer board. It provides up to 1280 x 1024 resolution @ 24 bit color utilizing shared display memory up to 32 Meg. Major onboard devices adopt PCI technology to achieve outstanding computing performance making the PCI-6871 one of the world's best and most

powerful all in one Single Board Computer.

Specifications

SLC type.

EM Single Board Computers

Processor

Processor.

Embedded low power VIA Eden

Clock Speed:

400 MHz

Real Time Clock:

Processor Misc.:

Chipset: VIA VT8806/VT82C686B

Memory

BIOS/ Bootloader:

AWARD 256KB Flash BIOS

Primary Flash:

1x CompactFlash™ card Type I/II

Primary I/O

Disk interface.

1x FDD

1x EIDE (UDMA 33/100)

Audio:

VIA 82C686 AC97 2.0 (Line-in/Line-out/Mic-in)

Ethernet:

IEEE 802.3u 10/100BASE-T Fast Ethernet compatible with on-board RJ-45 connectors Realtek RTL 8139C

USB:

2x USB 1.1

Serial Ports:

1x RS-232

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

DMA: 7 DMA channels (8237 equivalent)

I/O Chipset: VT82C686B

Parallel port: One bi-directional parallel port. Supports SPP/ECP/EPP modes

IR interface: Supports one IrDA Tx/Rx header

Secondary I/O

LEDs.

Keypad:

PS/2:

Analog on

A/D.

D/A:

Dimensions

Dimensions.

7.3 × 4.8 in

Weight:

0.3 kg

Form Factor:

Half Size PCI Card

Power Requirements  
Voltage:

5 V

Power Misc.:

Battery: Lithium battery for data retention

Environmental  
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing  
PCI-6871F-J

VIA 400 MHZ, 1 ETH. PCI Slot CPU Card

\$0.00

Parent Product:

PCI-6871F-M

VIA 667 MHZ, 1 ETH. PCI Slot CPU Card

\$0.00

Parent Product:

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