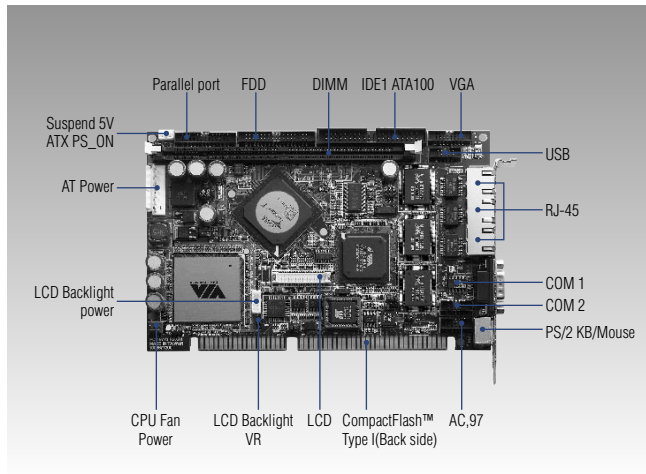


# PCA-6772

ISA low power Slot SBC, VGA/LCD/CFC/  
3 Ethernet



## Features

- VIA Eden 400/667 low power CPU on board
- 3 Ethernet connections for communication appliance
- Support up to 100/133MHz FSB
- 4 x AGP graphics for high performance
- Fanless operation

## Specifications

- **CPU** Embedded VIA low power processor on die 128 KB L1 cache memory  
Eden 400 (PCA-6772F-J3A2, PCA-6772F-J1A2)  
Eden 667 (PCA-6772F-M1A2, PCA-6772F-M3A2)
  - **System Memory** SDRAM DIMM x 1 Max. 512MB
  - **2nd Cache Memory** 64KB on the CPU
  - **System Chipset** VIA VT8606 "TwisterT" + VT82C686B
  - **BIOS** AWARD 256KB Flash BIOS
  - **SSD** Support CompactFlash™ Card Type I/II
  - **Watchdog Timer** 1 - 62 Sec, System reset or IRQ11
  - **Expansion Interface** 16-bit ISA slot
  - **Battery** Lithium 3V/196 mAH
  - **Power Management** ACPI
- I/O**
- **MIO** 1 x EIDE (1x Ultra DMA100), 1 x FDD, 1 x K/B, 1 x Mouse, 2 x RS-232, 1 x LPT
  - **Audio** AC'97 compliant
  - **USB** 2 USB ports, USB 1.1 compliant

### Ethernet

- **Chipset** RTL 8139C Plus
- **Ethernet Interface** IEEE 802.3u 10/100 BASE-T Fast Ethernet compatible
- **Connection** On-board RJ-45 connector
- **I/O address switchless setting**

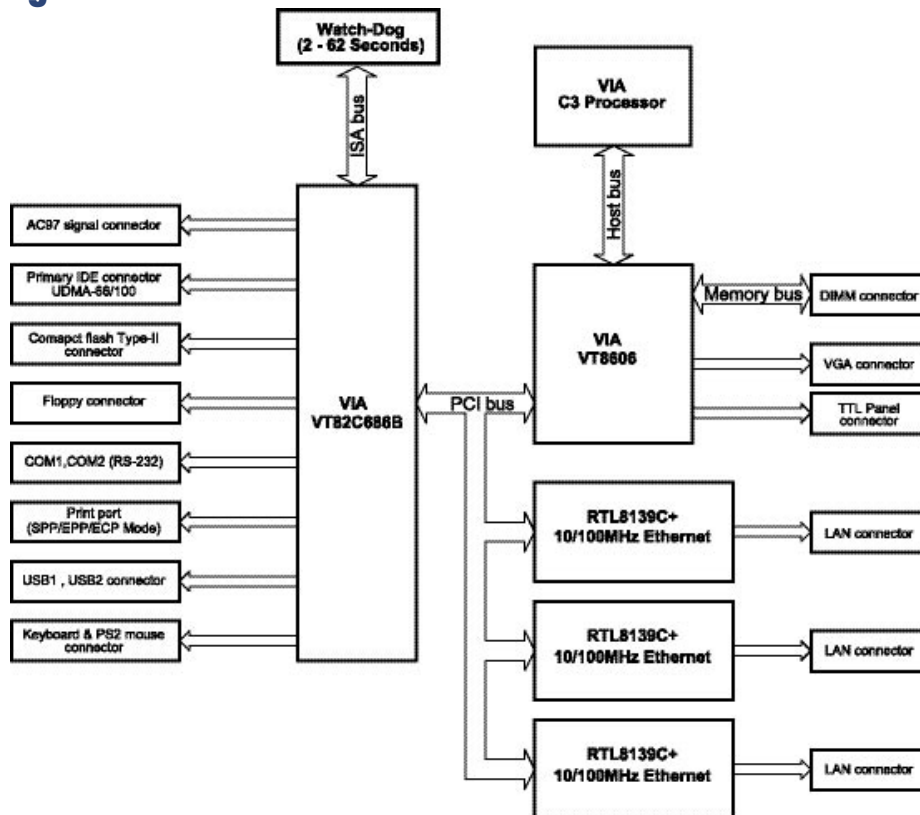
### Display

- **Chipset** VIA VT8606 "TwisterT" integrated Savage4 2D/3D/Video Accelerator
- **Memory Size** 8/16/32 MB frame buffer using system memory
- **Resolution** CRT Mode: 1280 x 1024 @ 16 bpp (60 Hz)  
1024 x 768 @ 16 bpp (85 Hz)  
800x600 @ 16 bpp (60 Hz)  
LCD Mode: 800 x 600 @ 18 bpp (60 Hz)  
640 x 480 @ 18 bpp (60 Hz)
- **LCD interface** 18-bit TTL

### Mechanical and Environmental

- **Dimensions (L x W)** 185 x 122 mm (7.3" x 4.8")
- **Power Supply Voltage** +5 V, +12V±5%
- **Power Requirements** Max : 4.5 A @ +5 V  
Typical: 3.3 A @ +5 V (w/256 MB DRAM, Ezra 800 MHz CPU)  
2.78 A @ +5 V (w/256 MB DRAM, Eden 400 MHz CPU)  
244 mA @ +12 V
- **Operating Temperature** 0 - 60° C (32 - 140° F), operation
- **Operating Humidity** 0%~90% relative humidity, non-condensing

## Board Diagram



## Packing List

- PC A-6772 SBC
- Y cable for PS/2 Keyboard, PS/2 Mouse (p/n:1700060202)
- E-IDE (HDD) Cable (p/n:1701400452)
- FDD Cable (p/n:1701340603)
- Parallel port cable (p/n:1700260250)
- Com port cable (p/n:1700100250)
- Power Cable (p/n:1703080101)
- Mini Jumper (p/n:1653300100)
- Startup Manual
- Utility CD

## Ordering Information

- PCA-6772F-M3A2 ISA Eden 667 Slot CPU card with VGA/LCD/CFC 3 Ethernet
- PCA-6772F-M1A2 ISA Eden 667 Slot CPU card with VGA/LCD/CFC 1 Ethernet
- PCA-6772F-J3A2 ISA Eden 400 Slot CPU card with VGA/LCD/CFC 3 Ethernet
- PCA-6772F-J1A2 ISA Eden 400 Slot CPU card with VGA/LCD/CFC 1 Ethernet
- IPC-644-80 4-slot IPC chassis w/ backplane& 80W power supply
- PCA-6114-B 14-slot ISA passive backplane
- PCA-6108-0B1 8-slot ISA passive backplane
- PCA-6106-B 6 slot ISA passive backplane
- PCA-6104-0C1 4-slot ISA passive backplane
- 1703100260 USB cable adapter (2.00 mm)
- 1703200100 ATX power cable
- PCM-231A-00A1 Audio module with Line-in ,Line out ,mic
- CF-HDD-ADP CompactFlash 50-pin to IDE 44-pin adapter