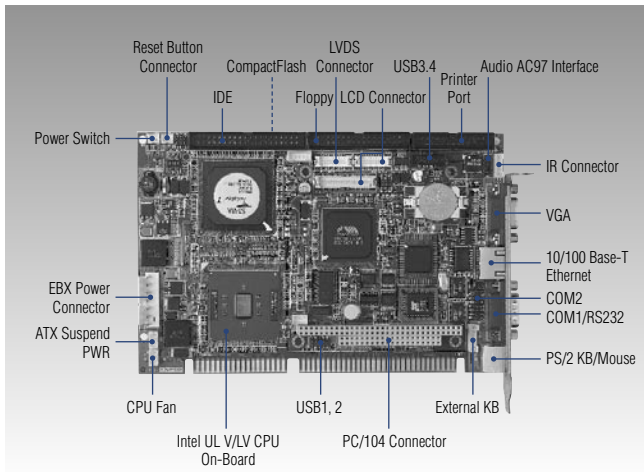


# PCA-6773

ISA Intel ULV400, 650/LV800,933 Slot PC.  
CPU/VGA/LCD/LVDS/LAN/CFC and PC/104



## Specifications

- **CPU** On board Intel ULV400, 650/LV800(option), 933 MHz CPU
- **System Memory** SDRAM SODIMM x 1, Max. 512 KB (optional: SODIMM x 2, Max. 1 GB)
- **2nd Cache Memory** Celeron ULV400, 650: 256K  
P-III LV800, 933: 512K
- **System Chipset** VIA VT8606 "TwisterT"+VT82C686B
- **BIOS** AWARD 256KB Flash BIOS
- **SSD** Support CompactFlash. Card type/II
- **Watchdog Timer** 1 ~ 62 Sec, System reset or IRQ11
- **Expansion Interface** 1x 16-bit ISA slot, 1x PC/104 connector
- **Battery** Lithium 3V/196 mAH

## I/O

- **MIO** 1 x EIDE (ATA-100), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1 x LPT
- **IrDA** 115Kbps SIR, IrDA 1.0 compliant
- **Ethernet** 10/100 BASE-T, onboard RJ45 connector
- **USB** 4 USB ports, USB 1.1 compliant

## Ethernet

- **Chipset** Intel 82551ER, 82551QM (option)  
RealTek 8139C (option)
- **Connection** on-board RJ-45
- **Boot ROM** Built-in system
- **I/O address switchless setting**

## Features

- Intel ULV400, 650/LV800(option), 933 MHz CPU on-board
- On board PCI SVGA VGA/LCD display
- 4X AGP graphics for high performance applications
- Low power consumption, requires no CPU cooling fan (ULV400, 650)
- 10/100 Mbps Ethernet
- Supports boot from USB device
- Supports wake-on-LAN
- Supports Ring-up by Modem
- Supports LVDS interface
- Supports LCD backlight turn-off function
- RS-485 Auto-flow

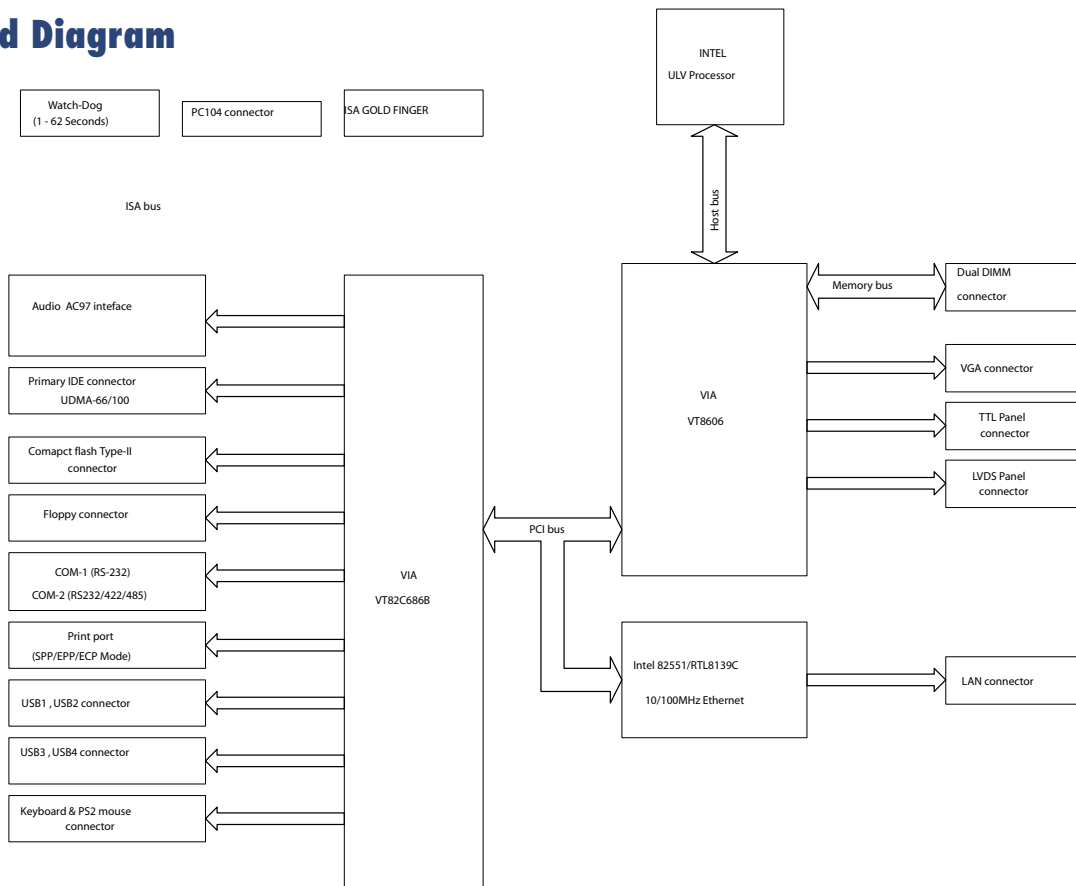
## Display

- **Chipset** VIA TwisterT chip with integrated Savage4 2D/3D/Video Accelerator
- **Frame Buffer** Supports 8/16/32MB frame buffer with system memory
- **Display modes** CRT Modes:  
1280 x 1024 @ 16 bpp (60 Hz)  
1024 x 768 @ 16 bpp (85 Hz)  
800 x 600 @ 16 bpp (60 Hz)  
LCD/Simultaneous Modes:  
1280 x 1024 @ 16 bpp (60 Hz)  
1024 x 768 @ 16 bpp (60 Hz)  
1280 x 1024 @ 32 bpp
- **LVDS interface** Supports LVDS interface
- **LCD Interface** 4X AGP VGA/LCD interface, Supporter for 9, 12, 15, 18, 24, 36 bit TFT

## Mechanical and Environmental

- **Dimensions (L x W)** 185 x 122 mm (7.3" x 4.8")
- **Power Supply Voltage** +5V, +12V  $\pm$  5%
- **Power Requirements** Max : 5 A @ +5 V, 201 mA @ +12 V (with 128 MB SDRAM, Intel ULV-400 MHz CPU)  
Typical : 2.55 A @ +5 V, 48 mA @ +12 V (with 128 MB SDRAM, Intel ULV-400 MHz CPU)
- **Operating Temperature** 0~60° C (32~140° F), operation
- **Operating Humidity** 0%~90% relative humidity, non-condensing

## Board Diagram



## Packing List

- **PCA- 6773 SBC**
- **Y cable for PS/2 Keyboard, PS/2 Mouse** (p/n:1700060202)
- **E-IDE (HDD) Cable (600mm)** (p/n:170140060A)
- **FDD Cable (700mm)** (p/n:1701340705)
- **COM port cable** (p/n:1700100250)
- **ATX/AT power cable** (p/n:1703080101)
- **Mini Jumper** (p/n:1653300100)
- **Startup manual**
- **Utility CD**

## Ordering Information

- **PCA-6773-J0A1** ISA Celeron ULV400 Slot PC  
VGA/LCD/LVDS/LAN/CFC/PC104
- **PCA-6773-M0A1** ISA Celeron ULV650 Slot PC  
VGA/LCD/LVDS/LAN/CFC/PC104
- **PCA-6773-R0A1** ISA Pentium LV933 Slot PC  
VGA/LCD/LVDS/LAN/CFC/PC104

### Optional accessories

- **MBPC-641** 4-slot IPC chassis w/backplane & 65W power supply
- **IPC-644-80** 4-slot IPC chassis w/backplane& 80W power supply
- **IPC-6806S** 6-slot IPC chassis w/backplane & 100W 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)
- **9689000042** IrDA adapter
- **CF-HDD-ADP** CompactFlash™ 50-pin to IDE 44-pin adapter