

PCA-6774

**ISA Socket 370 Slot SBC, VGA/LCD/LVDS/
LAN/CFC/optional second LAN**

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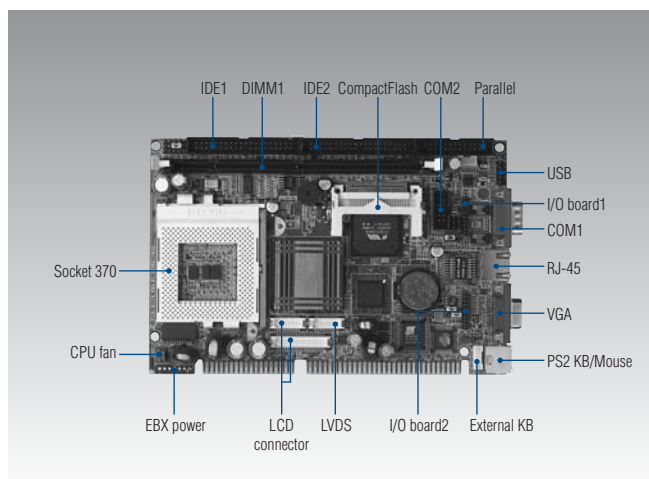
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Specifications

- **CPU** Support FC-PGA/FC-PGA2 Socket 370 up to 1.26GHz Pentium® III with 512K (Does not support PPGA CPU)
- **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** 2 x EIDE, 1 x FDD, 1 x K/B, 1x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1 x LPT
- **USB** 4 USB ports, USB 1.1 compliant

Ethernet

- **Chipset** Intel® 82551/82559 (PCA-6774F-00A1, PCA-6774F-02A1)
Intel® 82540 (PCA-6774FG-00A1)
- **Ethernet Interface** IEEE 802.3u 10/100 BASE-T Fast Ethernet (PCA-6774F-00A1&PCA-6774F- 02A1)and Giga LAN (PCA-6774FG-00A1)
- **Connection** On-board RJ-45 connector Support optional 2nd LAN (PCA-6774F-02A1)
- **I/O address switchless setting**
- **Built-in boot ROM (optional when using Intel 82559 LAN chip)**

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),
800 x 600 @ 16 bpp (60 Hz),
LCD Mode: 1280 x 1024 @ 16 bpp (60 Hz)
1024 x 768 @ 16 bpp (60 Hz)
- **LCD interface** 36-bit TTL

Features

- Socket 370 support up to 1.26GHz Pentium® III with 512K
- Giga LAN/Second Lan support
- Support up to 133MHz FSB
- 4x AGP graphics for high performance
- Support TFT and DSTN LCD, LVDS

Mechanical and Environmental

- **imensions (LxW)** 185 x 122 mm (7.3" x 4.8")
- **Power Supply Voltage** +5 V, +12 V ± 5%
- **Power Requirements** Max. : 5.97 A @ +5 V
(w/512MB SDRAM, Pentium® III1.26GHz)
- **Operating Temperature** 0 - 60° C (32 - 140° F), operation
- **Operating Humidity** 0%-90% relative humidity

Packing List

- **PCA-6774 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)
- **Power Cable** (p/n:1703080101)
- **Mini Jumper** (p/n:1653300100)
- **Startup Manual**
- **Utility CD**

Ordering Information

- **PCA-6774F-00A1** ISA Socket 370 Slot CPU Card with VGA/LCD/LAN/CFC
- **PCA-6774FG-00A1** ISA Socket 370 Slot CPU Card with VGA/LCD/Giga LAN/CFC
- **PCA-6774F-02A1** ISA Socket 370 Slot CPU Card with VGA/LCD/2LAN/CFC

Optional accessories

- **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
- **1700100170** USB cable adapter (2.54 mm)
- **CF-HDD-ADP** CompactFlash™ 50-pin to IDE 44-pin adapter
- **P-MPP3126CITLT1** Intel® Pentium® III with 512K cache 1.26GHz (FC-PGA2)