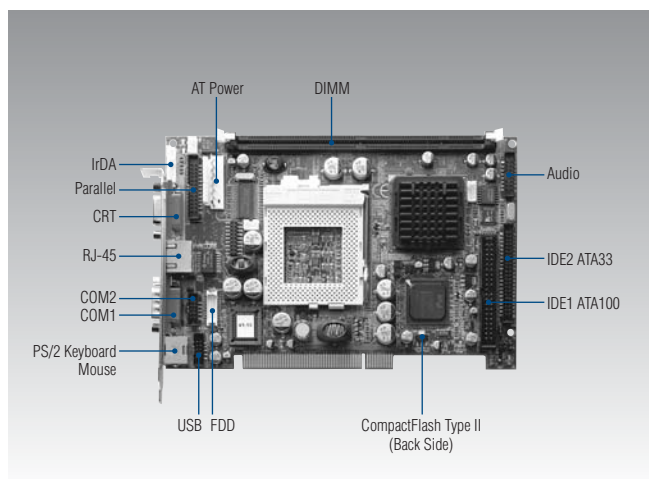


PCI-6870

PCI Socket 370 Slot SBC,VGA/LAN/CFC2



CE FCC

Specifications

- **CPU** Support FC-PGA/FC-PGA2 Socket 370 Celeron®/Pentium® III up to 1.2/1.26GHz (Does not support PPGA CPU)
- **System Memory** SDRAM DIMM x 1 Max. 512MB
- **2nd Cache Memory** 128KB on the Celeron®, 256KB on the Pentium® III
- **System Chipset** Intel® 815E
- **BIOS** AWARD 256KB Flash BIOS
- **SSD** Support CompactFlash Card Type I/II
- **Watchdog Timer** 15 Sec - 127 Min, Step 30 Sec, System reset or IRQ11
- **Expansion Interface** 32-bit PCI slot
- **Battery** Lithium 3V/196 mAH
- **Power Management** ACPI

I/O

- **MIO** 2 x EIDE (1x Ultra DMA100, 1x Ultra DMA33), 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, IrDA 1.0 compliant
- **Audio** AC'97 compliant
- **USB** 2 USB ports, USB 1.1 compliant

Ethernet

- **Chipset** 815E embedded + Intel® 82562ET
- **Ethernet Interface** PCI Ethernet controller, IEEE 802.3 protocol compatible, supports 10/100 Base-T Fast Ethernet
- **Connection** On-board RJ-45 connector
- **I/O address switchless setting**

Features

- 32-bit PCI Slot
- Supports Socket 370 Celeron®/Pentium® III Processor up to 1.2/1.26GHz
- Support up to 100/133MHz FSB
- Direct AGP VGA

Display

- **Chipset** Intel® 815E embedded
- **Memory Size** Share system memory up to 64 MB
- **Resolution** 1024 x 768 @24 bpp
800 x 600 @24 bpp

Mechanical and Environmental

- **Dimensions (LxW)** 185 x 122 mm (7.3" x 4.8")
- **Power Supply Voltage** +5 V, +12 V $\pm$ 5%
- **Power Requirements** Max: 8 A @ 5 V
Typical: 6.68 A @ 5 V (w/PIII 850, 256MB SDRAM)
280 mA @ 12 V
- **Operating Temperature** 0 - 60° C (32 - 140° F), operation
- **Operating Humidity** 0%-90% relative humidity, non-condensing

1
System on Module Solutions

2
Single Board Computers and Accessories

3
PC/104 Modules

4
Slot CPU Cards and Accessories

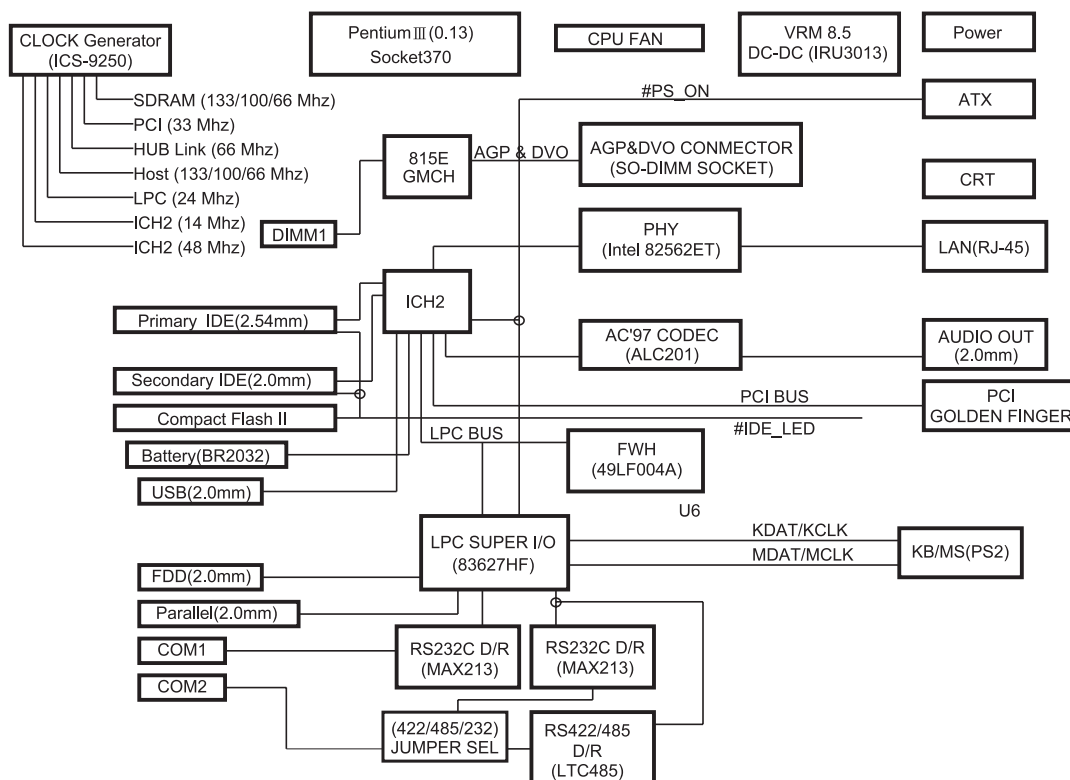
5
AIMB/POS Control Boards

6
Internet Security Platforms

7
Embedded Software

8
Appl.

Board Diagram



Packing List

- PCI-6870 SBC
- Y cable for PS/2 Keyboard, PS/2 Mouse
- E-IDE (HDD) Cable
- FDD Cable (600mm)
- Parallel port cable
- Com port cable
- Power Cable
- Mini Jumper
- Startup Manual
- Utility CD

(p/n:1700060202)
 (p/n:1701400452)
 (p/n:1703340400)
 (p/n:1700260250)
 (p/n:1700100250)
 (p/n:1703080101)
 (p/n:1653300100)

Ordering Information

- **PCI-6870F-00A2** PCI Socket 370 815E Half-sized SBC, VGA/Fast Ethernet/CFC2

Optional accessories

- **IPC-644P4-80** Chassis w/PCA-6104P4/80 W power supply
- **IPC-6806P5** Chassis w/PCA-6105P5/100 W power supply
- **PCA-6104P4** 4-PCI slot passive backplane
- **PCA-6105P5-0B1** 5-PCI slot passive backplane
- **1703100260** USB cable adapter (2.00 mm)
- **9689000042** IrDA adapter
- **CF-HDD-ADP** CompactFlash™ 50-pin to IDE 44-pin adapter
- **1759209100** Fan/Heatsink module
- **1700160160** Audio Cable
- **P-MPP3126CITLT1** Intel® Pentium® III with 512K cache 26GHz (FC-PGA2)