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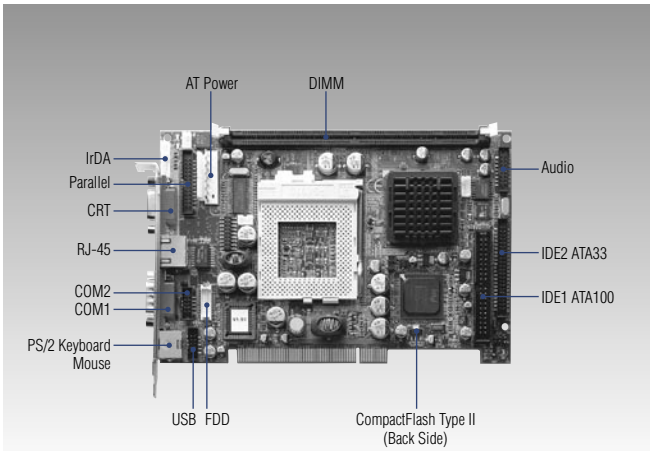
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Find the *Advantech PCI-6870F* at our website: ***Click HERE***

PCI-6870

PCI Socket 370 Slot-PC SBC,VGA/LAN/CFC II



Features

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

Specifications

General

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

I/O

I/O Interface	2 x EIDE (1 x Ultra DMA100, 1 x 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
USB	2 x USB ports, USB 1.1 compliant
Audio	AC'97 compliant
IrDA	115 kbps, IrDA 1.0 compliant
GPIO	N/A
I/O Expansion	PCI

Ethernet

Chipset	815E embedded + Intel 82562ET
Speed	10/100Base-T
Interface	1 x RJ-45
Standard	PCI Ethernet controller, IEEE 802.3 protocol compatible

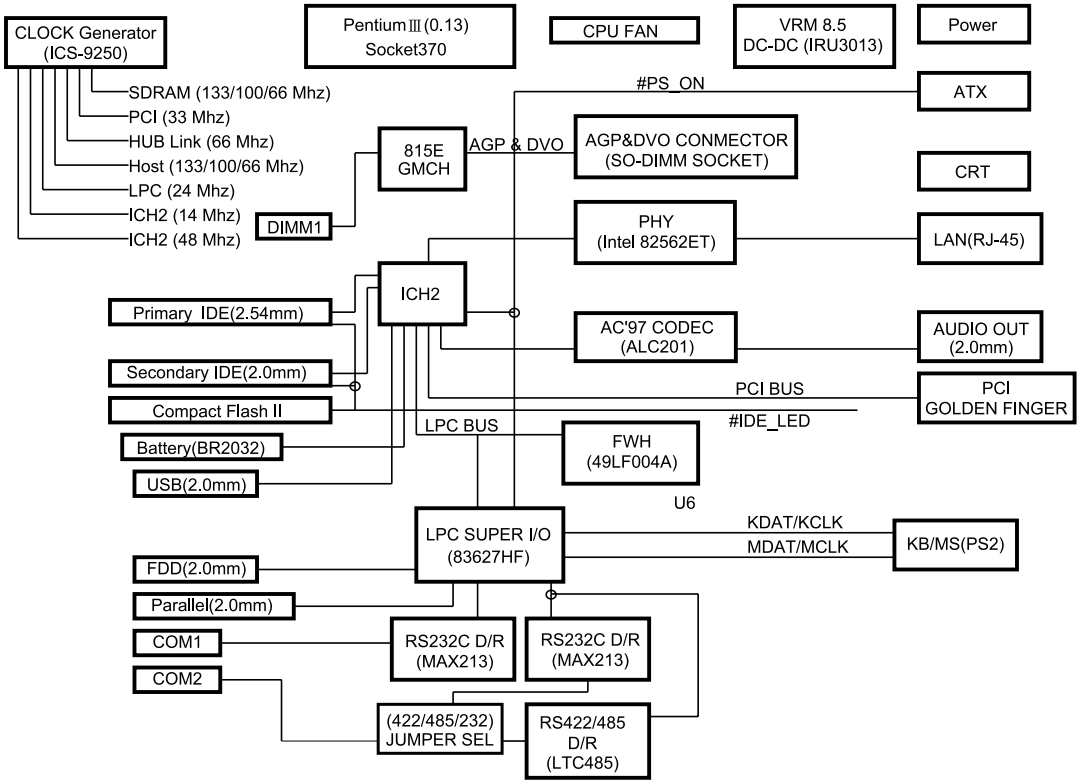
Display

Chipset	Intel 815E embedded
Memory Size	Share system memory up to 64 MB
Resolution	1024 x 768 @ 24 bpp 800 x 600 @ 24 bpp
LCD Interface	N/A
LVDS Interface	N/A
TV-Out	N/A
Dual Independent Display	N/A

Mechanical and Environmental

Dimension (L x W)	185 x 122 mm (7.3" x 4.8")
Weight	0.27 kg (weight of total package)
Operating Temperature	0 ~ 60° C (32 ~ 140° F), operation
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power Supply Voltage	+5 V, +12 V ± 5%
Power Consumption	Max: 8 A @ 5 V Typical: 6.68 A @ 5 V (w/PIII 850 MHz, 256 MB SDRAM) 280 mA @ 12 V

Board Diagram



Packing List

- **1 x PCI-6870 SBC**
- **1 x Y cable for PS/2 Keyboard, PS/2 Mouse** (p/n:1700060202)
- **1 x E-IDE (HDD) Cable** (p/n:1701400452)
- **1 x FDD Cable (600 mm)** (p/n:1703340400)
- **1 x Parallel port cable** (p/n:1700260250)
- **1 x Com port cable** (p/n:1700100250)
- **1 x Power Cable** (p/n:1703080101)
- **1 x Mini Jumper** (p/n:1653300100)
- **1 x Startup Manual**
- **1 x Utility CD**

Ordering Information

Standard

- **PCI-6870F-00A2** PCI Socket 370 815E Half-sized SBC, VGA/Fast Ethernet/CFC II
- **PCI-6870F-00A2E** Same as PCI-6870F-00A2, RoHS

Optional Accessories

- **IPC-644P4-80** Chassis w/PCA-6104P4/80 W power supply
- **IPC-6806P5** Chassis w/PCA-6105P5/100 W power supply
- **PCA-6104P4-0B1** 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 512 KB cache 26 GHz (FC-PGA2)

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