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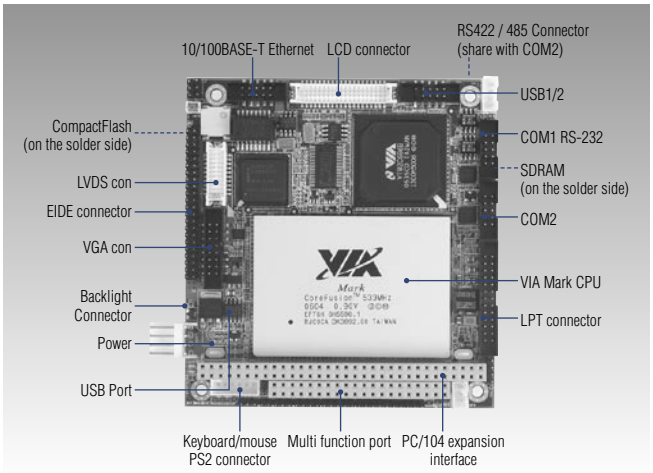
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Find the *Advantech PCM-3375* at our website: ***Click HERE***

PCM-3375

VIA® "Mark" CoreFusion™ Module with VGA/LCD, Ethernet & SSD



Features

- VIA® "Mark" CoreFusion™ 533 MHz Processor
- Supports CompactFlash type I SSD solution
- Simple, reliable fanless operation
- 10/100BASE-T Fast Ethernet
- 24-bit TFT LCD support

Specifications

General

- **CPU** Embedded low power onboard VIA "Mark" 533 MHz processor
- **1st Cache Memory** 64 KB
- **System Chipset** VIA VT82C686B
- **BIOS** AWARD® 256 KB Flash BIOS
- **System Memory** 1 x 144-Pin SODIMM 8/16/32/64/128/256/512 MB SDRAM
- **Power Management** APM 1.2
- **SSD** CompactFlash Card Type I
- **Watchdog Timer** 62 lever timer (Optional flexible interval available)
- **Expansion Interface** PC/104
- **Battery** Lithium 3 V/210 mAH

I/O

- **I/O Interface** 1 x EIDE, 1 x FDD, 1 x K/B, 1 x mouse, 2 x RS232, 1 x LPT
- **USB** 2 x USB 1.1, Open HCI compliant
- **IrDA** 1 x 115 kbps SIR, IrDA 1.0 compliant

Ethernet

- **Chipset** Intel® 82551ER
- **Interface** IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX Fast Ethernet Compatible

Display

- **Chipset** VIA "Mark" CoreFusion™ processor
- **Memory Size** 8/16/32 MB frame buffer shares the system memory
- **Resolution** CRT display mode
  pixel resolution up to 1600 x1200 x 16 bpp
  LVDS display Mode
  up to SXGA (1400 x 1050) panel resolution
- **LCD Interface** Supports 1 channel 24-bit LVDS LCD Panel (TTL signal)
- **LVDS Interface** Supports 2 channel (2 x 18-bit) LVDS interface

Mechanical and Environmental

- **Dimension (L x W)** 96 x 90 mm (3.8" x 3.5")
- **Weight** 0.097 kg (0.214 lb)
- **Operating Temperature** 0 ~ 60° C (32 ~ 104° F), operation
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing

Power

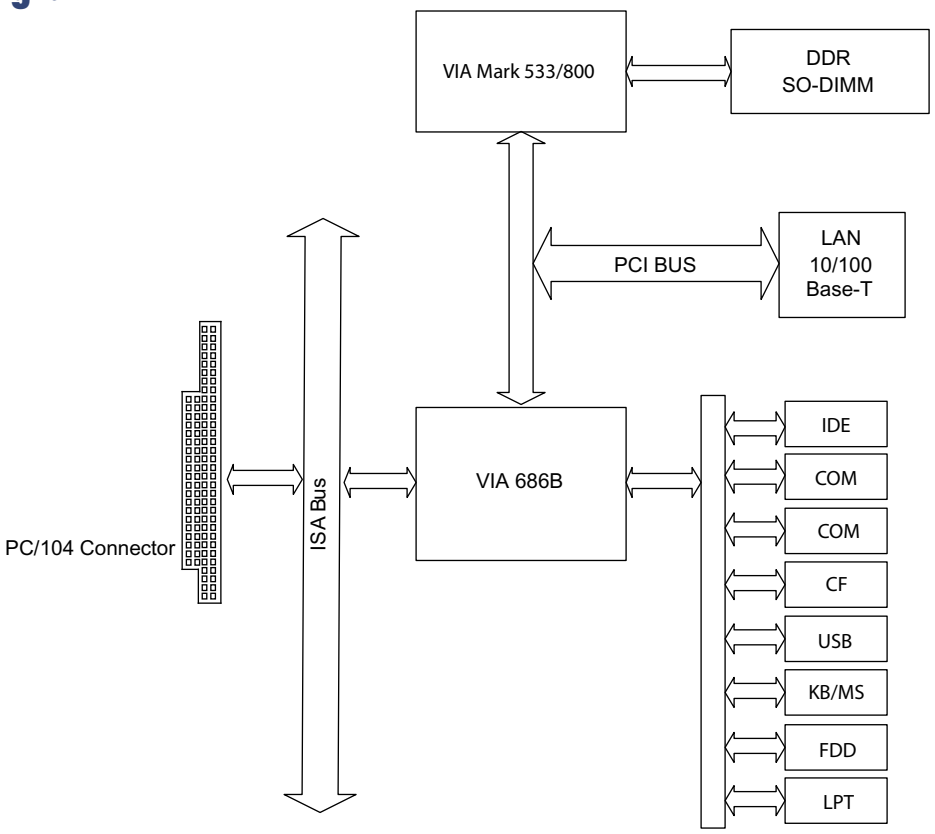
- **Power Supply Voltage** AT, +5 V ±5%, +12V ±5% (5V only, 12V optional for PC104 add on card and LCD inverter)
- **Power Consumption (Mark 533 MHz, SDRAM 256 MB)** Max: +5 V @ 1.94 A, Typical: +5 V @ 2.06 A

Packing List

- **1 x PCM-3375 SBC**
- **1 x KB/Mouse Y-cable EXT cable** (p/n:1700000533)
- **1 x KB/Mouse Y-cable (2 PS/2)** (p/n:1700060202)
- **1 x 26-34-pin FDD adapter** (p/n:9681000044)
- **1 x VGA cable** (p/n:1701160150)
- **1 x Ethernet RJ-45 connector conversion cable 20 cm** (p/n:1701100202)
- **1 x IDE (HDD) cable** (p/n:1701440504)
- **1 x COM port cable 25 cm** (p/n:1700100250)
- **1 x LPT port cable** (p/n:1700260250)
- **1 x FFC cable for slim FDD** (p/n:1701260125)
- **1 x Start up manual**
- **1 x CD-ROM (Manual, Driver, Utility)**

All product specifications are subject to change without notice

Board Diagram



Ordering Information

Part No.	CPU	Chipset	CRT	TTL	LVDS	10/100	USB 1.1	RS-232	RS-422/485	LPT	FDD	CF	KB/MS	PCI-104 connector	PC/104 connector	Thermal Solution	Operation Temp.	Embedded OS
PCM-3375F-L0A1E	VIA Mark 533 MHz	VT82C686B	Yes	24-bit	2 x 18-bit	1	2	1	1	Yes	Yes	Yes	Yes	--	Yes	Passive	0 ~ 60° C	WinCE (optional)

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