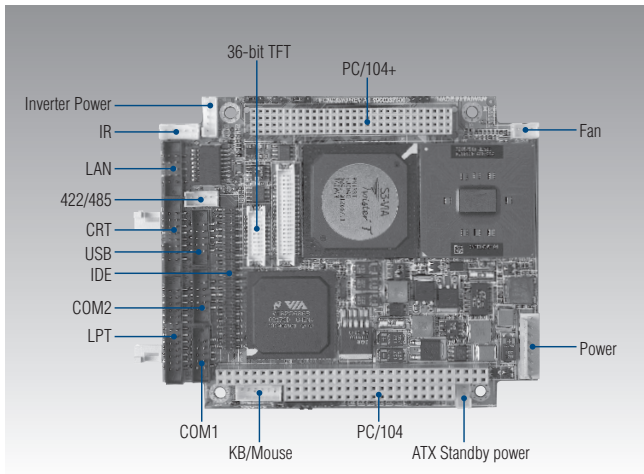


PCM-3370

LV Intel® Pentium® III PC/104-Plus CPU Module



Specifications

General

- **CPU** Onboard ULV Intel Celeron 400/650 Fanless, LV Pentium III 933 (800 MHz optional)
- **2nd Cache Memory** 256 KB on Intel® Processor
- **System Chipset** VIA VT8606/TwisterT + VT82C686B
- **BIOS** Award 256 KB Flash BIOS
- **System Memory** 1 x SODIMM socket, supports up to 512 MB SDRAM
- **Power Management** Supports Advanced Power Management
- **SSD** Supports CompactFlash Card Type I
- **Watch Dog Timer** 1.6 sec – interval Watchdog timer, set up by software, jumperless selection, generates system reset or IRQ11
- **Expansion Interface** 104-pin 16-bit PC/104 module connector and 120-pin PCI PC/104-Plus module connector

I/O

- **I/O Interface** 1 x EIDE, 1 x LPT, 1 x RS-232/422/485, 1 x RS232, 1 x K/B, 1 x Mouse
- **USB** 2 Universal Serial Bus 1.1 compliant ports
- **IrDA** Share with COM2, transfer rate up to 1.15 Mbps
- **I/O Expansion** Support for + 5 V FAN, speed detect connector, Heat, Fan speed

Features

- ULV Intel® Celeron® 400/650 Fanless, LV Pentium® III 800 (optional)/933
- Chipset: VIA VT8606/TwisterT and /VT82C686B
- VGA/LCD controller with optimized Shared Memory Architecture (SMA)
- 4x AGP VGA/LCD & LCD controller up to 1024 x 768
- +5 V and +12 V power supply required
- 10/100Mbps PCI Ethernet interface, supports wake-on-LAN
- COM2 (5 V) supports power line connected on pin 9
- PC/104 and PC/104-Plus expansion connector
- Support for CompactFlash® Card (CFC) Type I Socket
- 1.6 sec – interval Watchdog timer
- 1 SODIMM socket supports up to 512 MB SDRAM

Ethernet

- **Chipset** Realtek RTL8139D 10/100Mbps
- **Speed** 10/100Base-T
- **Interface** RJ-45

Display

- **Chipset** *VIA VT8606
4 x AGP controller, supporting CRT, 36, 24, 18-bit TFT (PCM-3370E only up to 24-bit)
Supports 2 Channel (2x18bit) LVDS interface (PCM-3370E)

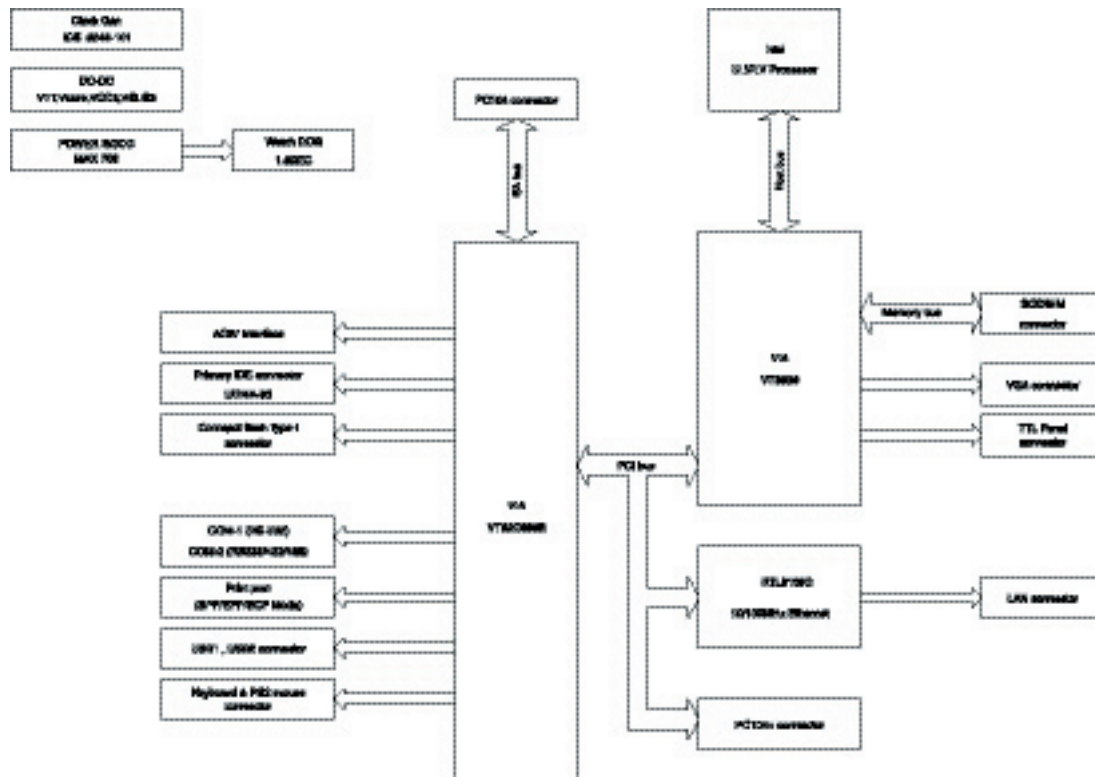
Mechanical and Environmental

- **Dimension (L x W)** 96 mm x 115 mm
- **Weight** 0.162 kg (with heat sink)
- **Operating Temperature** 0 – 60° C (32–140° F)
- **Operating Humidity** 0% – 90% relative humidity, non-condensing

Power

- **Power Supply Voltage** +5V±5%, +12V±5%
- **Power Consumption**
Typical: 2.43A@+5V (ULV Celeron 400MHz CPU)
2.83A@+5V (ULV Celeron 650MHz CPU)
3.50A@+5V (LV Pentium III 933MHz CPU)
0.02A@+12V (ULV Celeron 400MHz CPU)
0.02A@+12V (ULV Celeron 650MHz CPU)
0.02A@+12V (LV Pentium III 933MHz CPU)
Max: 2.47A@+5V (ULV Celeron 400MHz CPU)
2.97A@+5V (ULV Celeron 650MHz CPU)
3.99A@+5V (LV Pentium III 933MHz CPU)
0.06A@+12V (ULV Celeron 400MHz CPU)
0.06A@+12V (ULV Celeron 650MHz CPU)
0.08A@+12V (LV Pentium III 933MHz CPU)

Board Diagram



Packing List

- 1 x PCM-3370 (PCM-3370E) SBC
- 1 x KB/Mouse Y-Cable (p/n:1700060202)
- 1 x Y-Cable external cable (p/n:1703060053)
- 1 x VGA Cable (p/n:1701160150)
- 1 x Ethernet RJ-45 Conn. conversion cable (p/n:1701100202)
- 1 x IDE Cable (p/n:1701440350)
- 1 x COM Port Cable (p/n:1700100250)
- 1 x LPT port cable (p/n:1700260250)
- 1 x Wire ATX Power (p/n:1703200380)
- 1 x AT power cable (p/n:1703080104)
- 1 x Startup manual
- 1 x CD-ROM (Manual, Driver, Utility)

Ordering Information

Standard

- **PCM-3370F-J0A1** ULV Intel Celeron 400 PC/104-Plus CPU module w/CFC/LCD/LAN/1LPT/2COM
- **PCM-3370F-M0A1** PCM-3370F-J0A1 w/ ULV Intel Celeron 650
- **PCM-3370F-R0A1** LV Intel Pentium III 933
- **PCM-3370Z-J0A1** PCM-3370F-J0A1 with Phoenix Gold Package (-20 ~ 80° C), operation
- **PCM-3370E-J0A1** 400ULV with LVDS PC/104 + CPU Module
- **PCM-3370E-M0A1** 650ULV with LVDS PC/104 + CPU Module
- **PCM-3370E-R0A1** LV Intel Pentium III 933 with LVDS PC/104 + CPU Module

Optional Accessories

- 422/485 cable (p/n:1703040257)
- 12cm USB cable (p/n:1703100121)
- 26cm USB cable (p/n:1703100261)