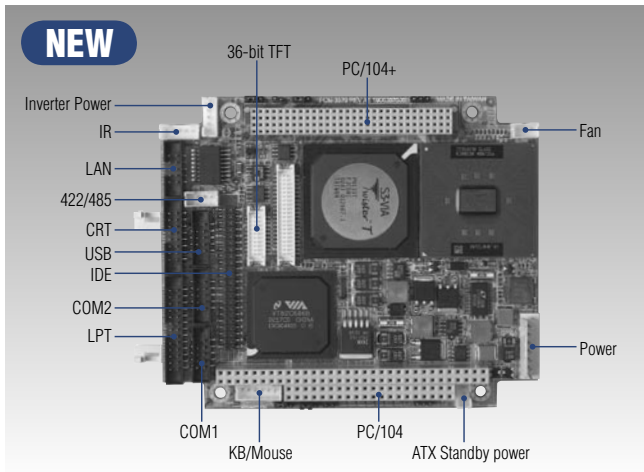


PCM-3370

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



Specifications

- **CPU** Onboard ULV Celeron 400/650 Fanless, LV Pentium III 933(800 MHz optional)
- **System Chipset** VIA VT8606/TwisterT + VT82C686B
- **BIOS** Award 256KB Flash BIOS
- **Second level cache** 256Kb on Intel® Processor
- **DRAM** 1 x SODIMM socket, supports up to 512MB SDRAM
- **SSD** Supports CompactFlash Card Type I
- **Power management** Supports Advanced Power Management
- **PCI IDE interface** 1 x Enhanced IDE interface
1st Interface supports 2 IDE devices (1 Master, 2 Slave)
PIO mode 3, 4 with Bus Mastering up to 14 MB/sec
- **Parallel port** 1 x parallel port, supports EPP/ECP parallel mode
- **Serial ports** 2 x serial ports with power + 5 V by jumper,
COM1: RS-232, COM2: RS-232/422/485
(422/485 cable optional)
- **IrDA** Share with COM2, transfer rate up to 1.15 Mbps
- **Watchdog timer** 1.6 sec – interval Watchdog timer, set up by software,
jumperless selection, generates system reset or IRQ11
- **Keyboard/Mouse connector** 6-pin Mini-Din header connector for keyboard and PS/2 mouse
- **USB** 2 Universal Serial Bus 1.1 compliant ports
- **FAN Connector** Support for + 5 V FAN, speed detect connector
- **System monitor** Heat, Fan speed
- **PC/104+ expansion** 104-pin 16-bit PC/104 module connector and 120-pin PCI PC/104-Plus module connector

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
- Socket for CompactFlash Card (CFC) Type I Supported
- 1.6 sec – interval Watchdog timer
- 1 SODIMM Socket supports up to 512 MB SDRAM

Ethernet

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

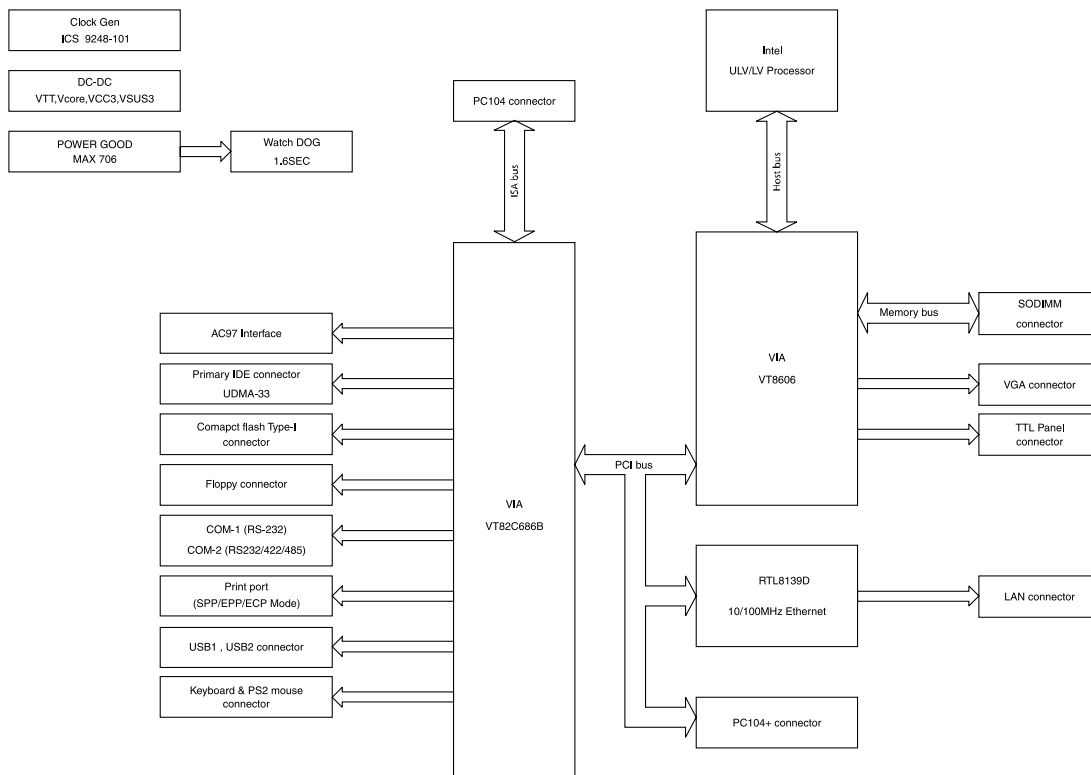
Display

- **Chipset** *VIA VT8606
4 x AGP controller, supporting CRT, 36, 24,18-bit TFT
24-bit DSTN (optional)

Mechanical and Environmental

- **Operating temperature** 0 – 60° C
- **Board size** 96 mm x 115 mm

Board Diagram



Packing List

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

Ordering Information

- **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

Accessories

- **422/485 cable** (p/n:1703040257)
- **Wire AT Power** (p/n:1703080104)