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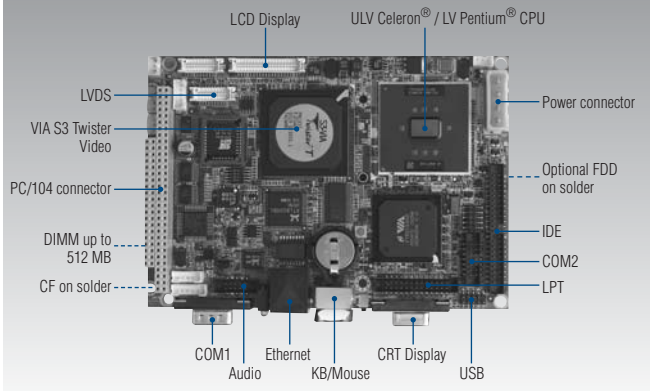
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PCM-9371

ULV Intel® Celeron®/LV Intel® Pentium® III SBC with CPU, Audio, VGA/LCD and Ethernet

NEW



Features

- Embedded Intel®ULV Celeron® / LV Intel® Pentium® III Processor
- Fanless, 0 ~ 60° C operation (PCM-9371F-J0A1 & PCM-9371F-M0A1)
- Supports LCD backlight turn-off function
- 100/133 MHz FSB and 4x AGP graphics for high performance applications
- 2 Channel LVDS interface

Specifications

- **CPU** — Intel Ultra Low Voltage Celeron® or Low Voltage Pentium® III Processor
  ULV Celeron®-400 (PCM-9371F-J0A1)
  ULV Celeron®-650 (PCM-9371F-M0A1)
  LV Pentium® III-933 (PCM-9371F-R0A1)
- **System Memory** — SDRAM 144-pin PC/100 or 133 SODIMM x 1, Max. 512 MB
- **2nd Cache Memory** — 256KB/512KB on the Celeron®/Pentium® III processor
- **System Chipset** — VIA PN133T (VT8606, VT82C686B, 133 MHz FSB)
- **BIOS** — AWARD 256 KB Flash BIOS
- **SSD** — CompactFlash™ card Type I/II
- **Watchdog Timer** — 1 - 62 sec, 62-level timer intervals system reset or IRQ11
- **Expansion Interface** — PC/104
- **Battery** — Lithium 3 V/196 mAH

I/O

- **MIO** — 1 x EIDE, 1 x FDD (optional), 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1 x LPT
- **IrDA** — 115 Kbps, IrDA 1.1 compliant
- **Audio** — VIA 82C686 support AC'97 2.0 compliant, Mic in, Line in, Line out
- **USB** — 2 USB ports, USB 1.1 compliant

Ethernet

- **Chipset** — RealTek RTL8100
- **Interface** — IEEE 802.3u 100 BASE-T Fast Ethernet compatible
  Built-in boot ROM in Flash BIOS

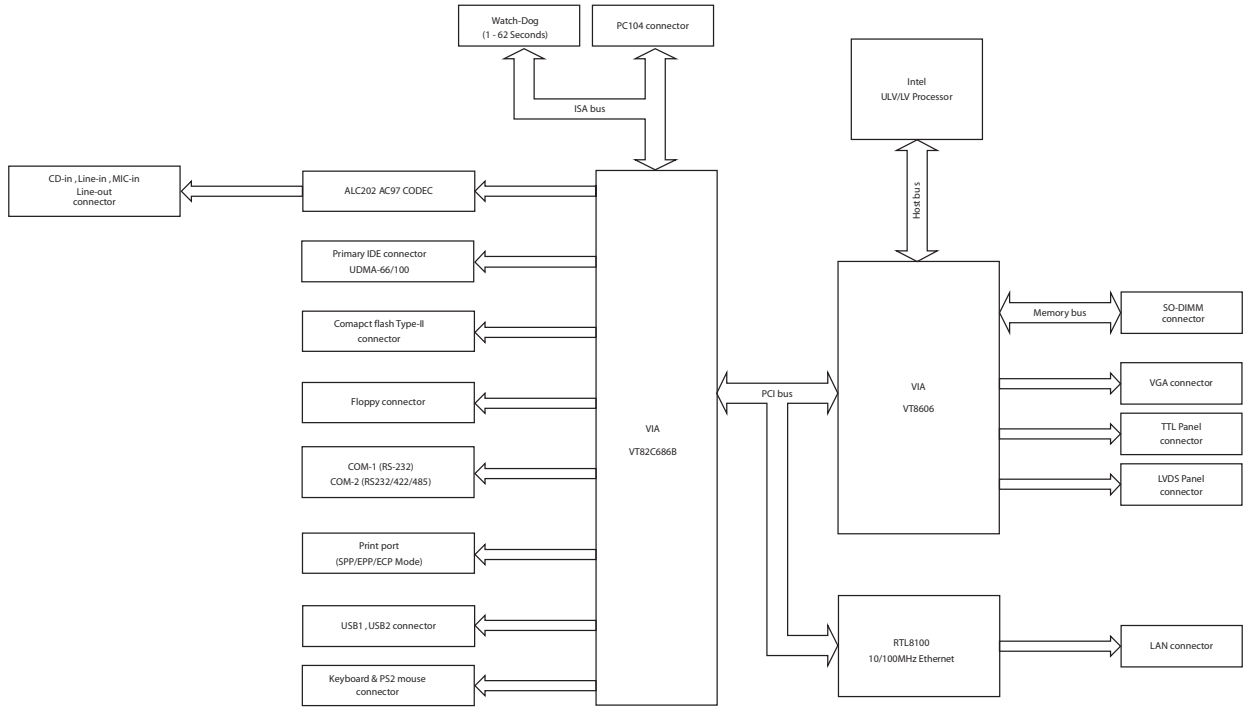
Display

- **Chipset** — VIA VT8606 Twister chip with Integrated S3 Savage4 2D/3D/Video Accelerator
- **Memory Size** — 8/16/32 MB frame buffer using system memory
- **Resolution** — CRT Mode:1280 x 102 4@ 16 bpp (60 Hz), 1024 x 768 @ 16 bpp (85 Hz) LCD/Simultaneous Mode: 1280 x1024 @ 16 bpp (60 Hz), 1024 x 768 @ 16 bpp (60 Hz)
- **LCD Interface** — 4x AGP VGA/LCD interface, Support for 18, 24, 36-bit TFT and 16 or 24-bit DSTN panels up to SXGA resolution
- **LVDS** — 2-Channel (2 x 18-bit) LVDS interface
- **TV-out (optional)** — Supports both NTSC/PAL, S-video and Composite Video via PCM-232 TV-out module

Mechanical and Environmental

- **Dimensions (L x W)** — 145 mm x 102 mm (5.7" x 4")
- **Power supply Voltage** — +5 V ± 5%, +12 V ± 5% (PC/104, LCD)
  Max: 4.99 A @ +5 V (with 256 MB, ULV Celeron®-650)
  Typical: 2.79 A @ +5 V (with 256 MB DRAM, ULV Celeron®-400 MHz CPU)
  3.19 A @ +5 V (with 256 MB DRAM, ULV Celeron®-650 MHz CPU)
- **Operating temperature** — 0 ~ 60° C (32~140° F)
- **Operating Humidity** — 0% ~ 90% Relative Humidity, noncondensing
- **Weight** — 0.85 kg (weight of total package)
- **Connectors** — PC/104 and COM1 , Ethernet, KB/Mouse,Connectors location same as PCM-5820/ PCM-5824

Board Diagram



Packing List

- **1 PCM-9371 SBC**
- **1 Mini Jumper pack [conts.: 10pcs]** (p/n: 9689000002)
- **1 IDE flat cable 44p/44p/40p** (p/n: 1701440504)
- **1 keyboard/ PS2 mouse cable** (p/n:1700060202)
- **1 second serial port cable** (p/n:1701140201)
- **1 parallel port cable** (p/n:1700260250)
- **1 Audio cable** (p/n:1703100152)
- **1 USB cable** (p/n:1703100121)
- **Startup manual**
- **Utility CD**

Ordering Information

Standard

- **PCM-9371F-J0A1** ULV Celeron® 3.5" SBC W/ 400 MHz CPU,VGA/LCD, LVDS, Ethernet, Audio
- **PCM-9371F-M0A1** Same as PCM-9371F-J0A1, but with ULV Celeron® 650 MHz CPU
- **PCM-9371F-R0A1** Same as PCM-9371F-J0A1, but with LV Pentium® III 933 MHz CPU

Optional

- **1703100260** USB cable 26 cm
- **1703100121** USB cable 12 cm meet MBPC-200 classis
- **CF-HDD-ADP** CompactFlash™ 50-pin to IDE 44-pin adapter
- **1703200201** ATX power control cable
- **PCM-232-00A1** TV-out module for PCM-9373/PCM-9371
- **1759200850** +5 V Fan for PCM-9372/PCM-9373/PCM-9371 heat sink

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