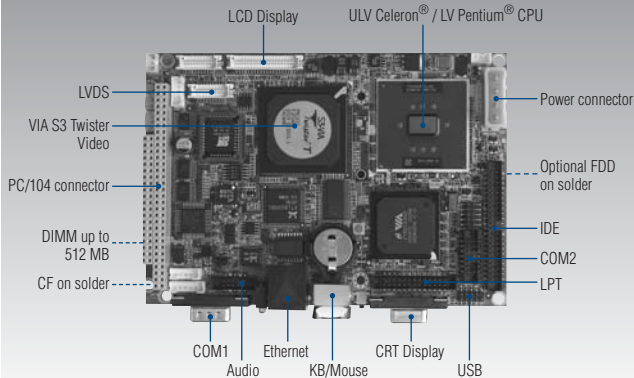


PCM-9371

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

NEW



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

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

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 1024 @ 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

1
System on Module Solutions

2
Single Board Computers and Accessories

3
PC/104 Modules

4
Slot CPU Cards and Accessories

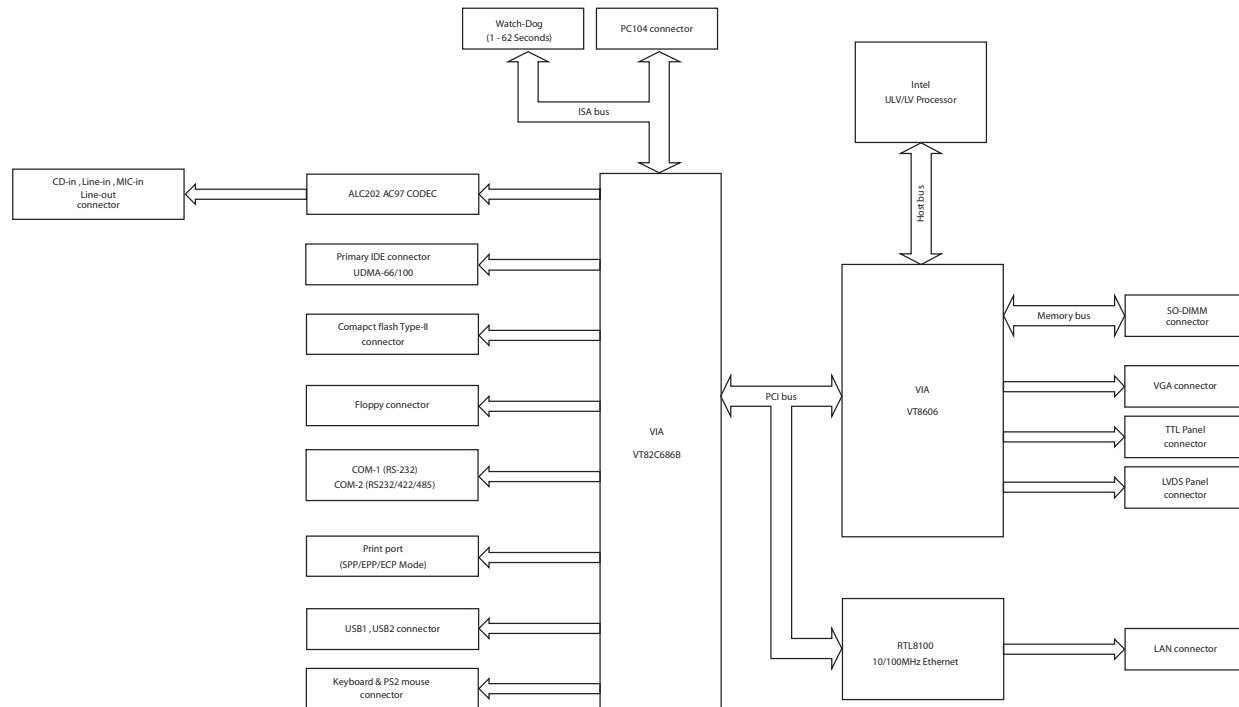
5
AIMB/POS Control Boards

6
Internet Security Platforms

7
Embedded Software

8
Appt

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