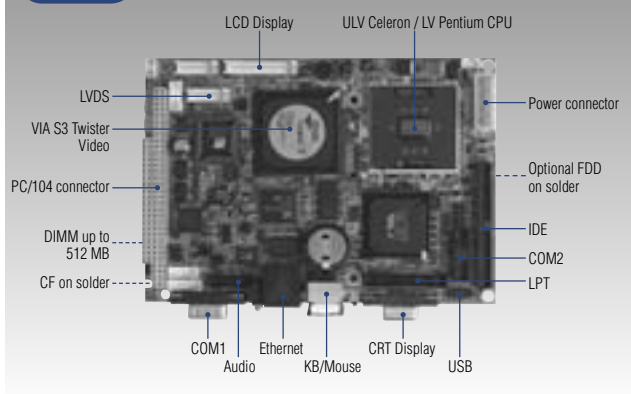


# PCM-9371

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 mA
- **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 1024 @ 16 bpp (60 Hz), 1024 x 768 @ 16 bpp (85 Hz) LCD/Simultaneous Mode: 1280 x 1024 @ 16 bpp (60 Hz), 1024 x 768 @ 16 bpp (60 Hz)

## 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

- **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

## 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