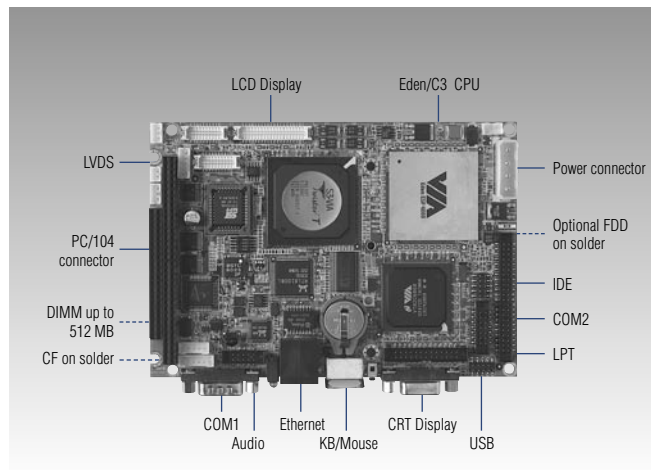


PCM-9373

**3.5" SBC with VIA Eden,
VGA, LCD, LVDS, LAN, USB**



Features

- Embedded low power VIA Eden 400/667 MHz or VIA C3-LP 1 GHz processor
- Fanless, 0 ~ 60° C operation (Eden 400/667)
- Supports LCD backlight turn-off function
- 100/133 MHz FSB and 4 x AGP graphic for high performance applications
- 2 Channel (2 x 18-bit) LVDS interface

Specifications

General

- **CPU** Embedded VIA low power Eden 400/667 or VIA C3-LP 1 GHz processor, 128 KB L1 cache memory on die
- **2nd Cache Memory** 64 KB on the Eden processor
- **System Chipset** VIA PN133T (VT8606, VT82C686B, 133 MHz FSB)
- **BIOS** AWARD® 256 kbit Flash BIOS
- **System Memory** 1 x SDRAM 144 pin SODIMM, Max. 512 MB PC133 SODIMM for all models, optional PC100 SODIMM for PCM-9373-J0A1
- **Power Management** APM 1.1
- **SSD** CompactFlash® card Type I/II
- **WatchDog Timer** 1 - 62 sec, 62 level timer intervals system reset or IRQ11
- **Expansion Interface** PC/104 and COM1, Ethernet, KB/Mouse, Connectors location same as PCM-5820/ PCM-5824
- **Battery** Lithium 3 V/196 mAh

I/O

- **I/O Interface** 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
- **USB** 2 x USB ports, USB 1.1 compliant
- **Audio** VIA 82C686 support AC'97 2.0 compliant, Mic-in, Line-in, Line-out
- **IrDA** 115 kbps, IrDA 1.1 compliant
- **GPIO** N/A

Ethernet

- **Chipset** RealTek® RTL8100
- **Speed** 10/100 Mbps (optional)
- **Interface** 1 x RJ45
- **Standard** 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)
- **LCD Interface** 4 x AGP VGA/LCD interface, Support for 9, 12, 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 (with optional BIOS)
- **Dual Independent Display** N/A

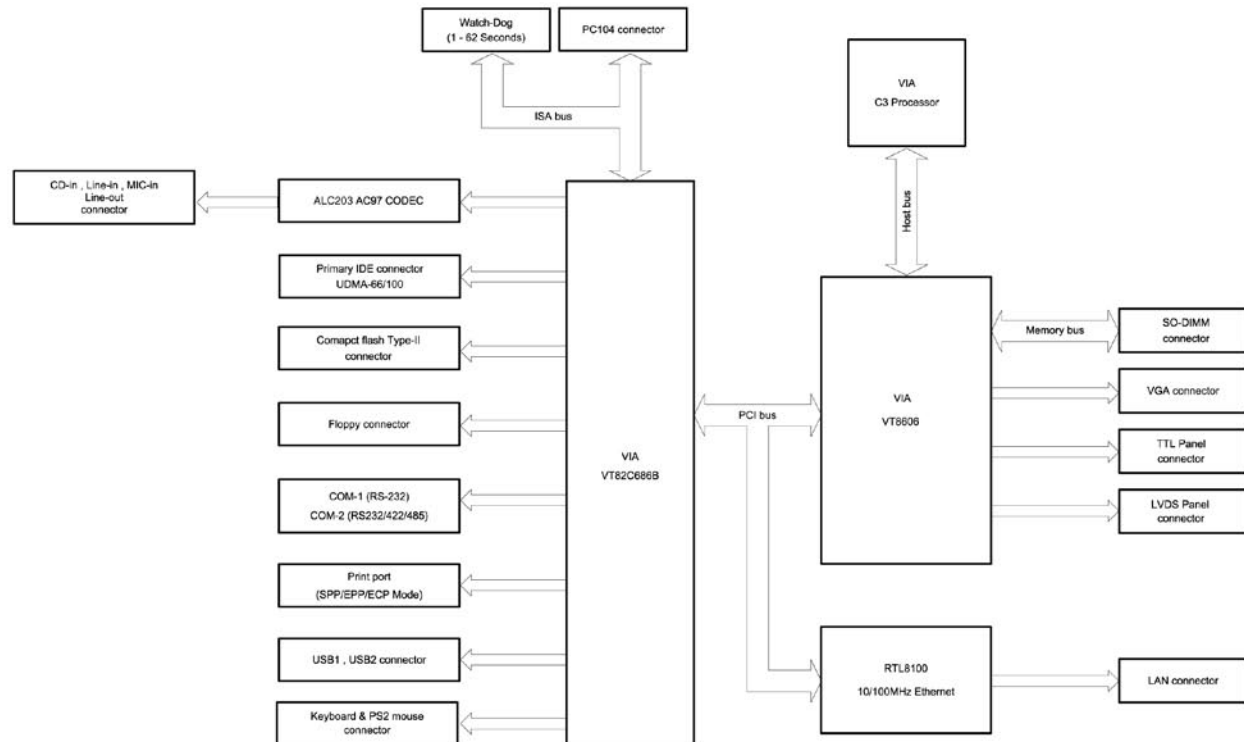
Mechanical and Environmental

- **Dimension (L x W)** 146 x 102 mm (5.7" x 4")
- **Weight** 0.85 kg (weight of total package)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, noncondensing

Power

- **Power Supply Voltage** +5 V ± 5%
- **Power Consumption** Max: 4.99 A @ +5 V
Typical: 2.40 A @ +5 V (with 128 MB DRAM, Eden 400 MHz CPU)
2.75 A @ +5 V (with 128 MB DRAM, Eden 667 MHz CPU)

Board Diagram



Packing List

- 1 x PCM-9373 SBC
- 1 x Mini Jumper Pack [conts.: 10 pcs] (p/n: 9689000002)
- 1 x IDE flat cable 44p/44p/40p (p/n: 1701440504)
- 1 x Keyboard/ PS2 Mouse cable (p/n: 1700060202)
- 1 x Second serial port cable (p/n: 1701140201)
- 1 x Parallel port cable (p/n: 1700260250)
- 1 x Audio cable (p/n: 1703100152)
- 1 x USB cable (p/n: 1703100121)
- 1 x Startup manual
- 1 x Utility CD

Ordering Information

Standard

- **PCM-9373F-J0A1E** 3.5" SBC with VIA Eden 400, VGA, LCD, LVDS, LAN, USB
- **PCM-9373F-M0A1E** Same as PCM-9373F-J0A1, but with Eden 667 MHz CPU
- **PCM-9373F-S1A1E** Same as PCM-9373F-J0A1, but with C3-LP 1 GHz CPU

Optional Accessories

- **1703200201** ATX power control cable
- **PCM-232-00A1E** TV-out module for PCM-9373

Embedded OS

- **2070000084** Win CE.NET 4.2 Core Image, PCM-9373/72, English (Optional)
- **2070000085** Win CE.NET 4.2 Professional Image, PCM-9373/72 English (Optional)
- **2070000086** Win CE.NET 4.2 Professional Plus Image, PCM-9373/72 English (Optional)
- **2070000449** Win WinCE 5.0 Core Image, PCM-9373/72 English V1.1 (19MB) (Optional)
- **2070000450** WinCE 5.0 Pro Image, PCM-9373/72 English V1.1 (30 MB) (Optional)
- **2070000607** Win XPE SP2 Image, PCM-9372 English V2.10 (430 MB) (Optional)