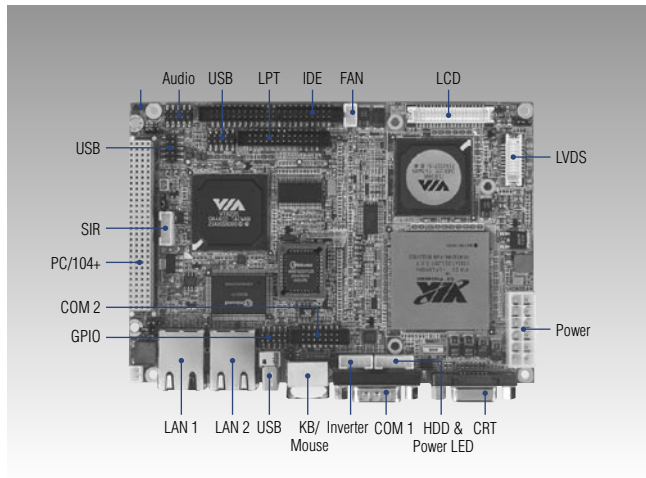


PCM-9374

3.5" SBC with VIA Eden, VGA, LCD, LVDS, 2 LAN, 5 USB, 4 COMs



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 dual Ethernet
- Support dual display
- Supports 5 x USB 2.0 ports

Specifications

General

- **CPU**
Embedded low power VIA Eden 400/667 MHz or VIA C3-LP 1GHz processor
VIA Eden 400MHz PCM-9374F-J0A1
VIA Eden 667MHz PCM-9374F-M0A1
VIA C3-LP 1GHz PCM-9374F-S1A1
- **2nd Cache Memory**
64 KB on the Eden processor
- **System Chipset**
VIA CLE266 100/133MHz FSB
- **BIOS**
Award® 2Mbit 2Mbit Flash BIOS
- **System Memory**
1 x 200-pin SODIMM socket, supports DDR200/266 SDRAM
- **Power Management**
ACPI 1.0B
- **SSD**
CompactFlash® card Type I/II
- **WatchDog Timer**
1 ~ 62 sec, 62 level timer intervals system reset
- **Expansion Interface**
PCI-104
- **Battery**
Lithium 3 V/210 mA

I/O

- **I/O Interface**
1 x EIDE, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1 x LPT
- **USB**
5 x USB ports, USB 2.0 compliant
- **Audio**
AC'97 3D surround stereo sound, support speaker out, CD-input, Line-in, Line-out, Mic-in
- **IrDA**
115 kbps, IrDA 1.1 compliant
- **GPIO**
8-bit general purpose input/out

Ethernet

- **Chipset**
RealTek® RTL8100
- **Speed**
10/100 Mbps (optional)
- **Interface**
2 x RJ45
- **Standard**
IEEE 802.3u 100 BASE-T Fast Ethernet compatible
Built-in boot ROM in Flash BIOS

Display

- **Chipset**
VIA CLE266 Twister® chip with S3 Graphics UniChrome IGP 2D/3D/Video Accelerator
- **Memory**
Size 8/16/32/64 MB
- **Resolution**
CRT Mode: 1920 x 1440 @ 32 bpp (85 Hz)
LCD mode: 1280 x 1024 @ 32 bpp (60 Hz)
- **LCD Interface**
Support 24-bit TTL interface for TFT LCD
- **LVDS Support**
24-bit LVDS interface
- **Dual Independent**
CRT + LCD (TTL)
- **Display**

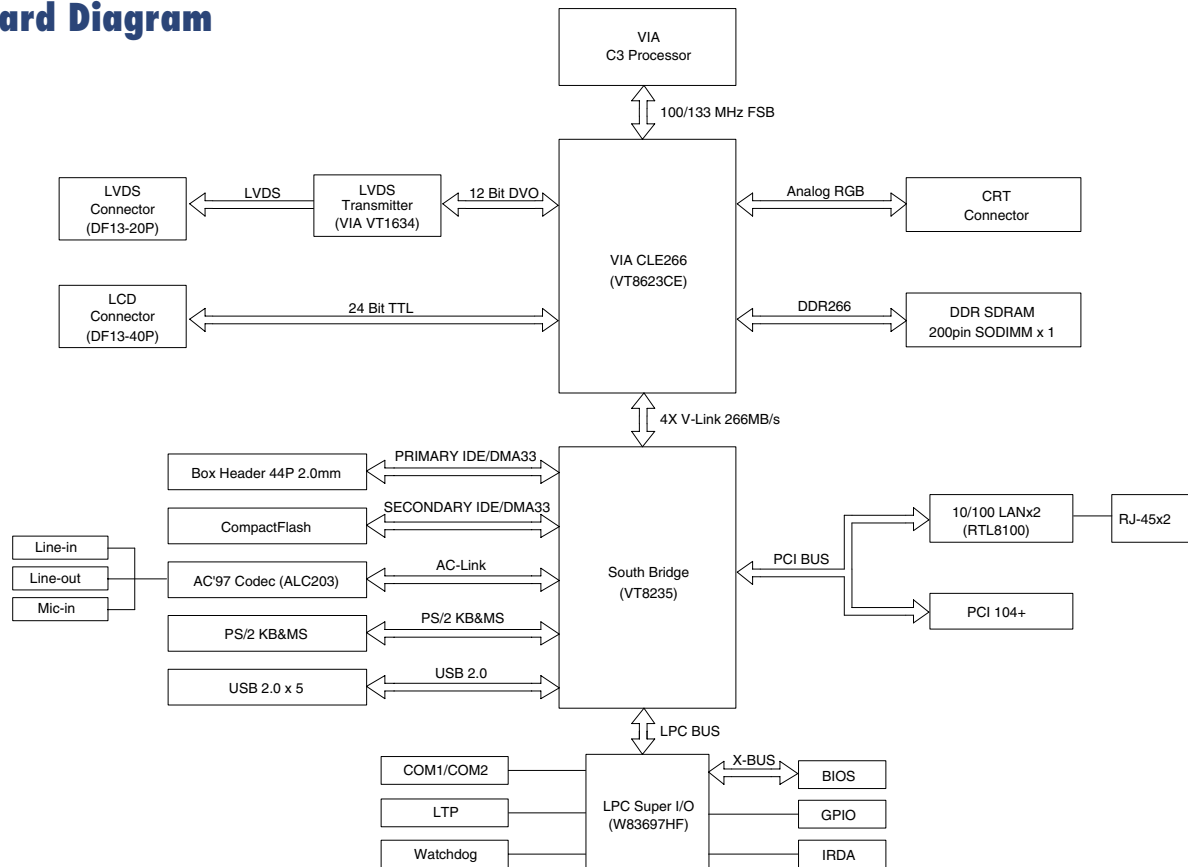
Mechanical and Environmental

- **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, non-condensing

Power

- **Power Supply Voltage**
+5 V ± 5%, +12V ± 5% (optional), 5V standby for ATX mode
- **Power Consumption**
Max: 2.8A @ +5 V (with 512 MB, Eden 400 MHz CPU)
Max: 3.3 A @ +5 V (with 512 MB, Eden 667 MHz CPU)
Max: 4.3 A @ +5 V (with 512 MB, VIA C3-LP 1 GHz CPU)

Board Diagram



Packing List

- 1 x PCM-9374 SBC
- 1 x Startup manual
- 1 x Utility CD
- 1 x Mini Jumper Pack [conts.: 10 pcs] (p/n: 9689000002)
- 1 x IDE flat cable 44p/44p/40p (p/n: 1701440351)
- 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 ATX Power Cable (p/n: 1700000265)
- 1 x Startup manual

Ordering Information

Standard

- **PCM-9374F-J0A1E** 3.5" SBC with VIA Eden 400, VGA, LCD, LVDS, 2 LAN, 5 USB, 2 COMs
- **PCM-9374F-M0A1E** Same as PCM-9374F-J0A1, but with Eden 667 MHz CPU
- **PCM-9374F-S1A1E** Same as PCM-9374F-J0A1, but with C3-LP 1 GHz CPU

Embedded OS

- **2070000608** Win XPE SP2 Image, PCM-9374 English V2.10 (430 MB) (Optional)