

PCM-9577



Socket 370 supports up to Pentium® III/512K 1.26GHz

Supports Gigabit Ethernet (PCM-9577FG)

Supports Embedded USB, 4 USB 2.0 ports (PCM-9577FG)

133MHz FSB and 4X AGP graphics for high performance applications

Supports 24/36 bit TFT/DSTN LCD and 2 channel LVDS

Optional TV-Out

The new PCM-9577 is a socket 370 Pentium® III 5.25" form factor single board computer (SBC) with onboard Gigabit Ethernet and four USB 2.0 ports. The socket 370 can support up to Pentium® III/512K(Tualatin) 1.26GHz. This SBC includes a 4X AGP controller, an AC97 audio interface, a PCI Gigabit or 100Base-T Ethernet interface, 4 USB 1.1 or USB 2.0 ports and 2 channel LVDS interface. Other on-board features include a PCI slot, PC/ 104, optional Mini PCI socket, an LPT, UDMA/100 IDE, IrDA and 4 serial ports: three RS-232s, and one RS-232/422/ 485. The SSD solution supports CompactFlash™ cards. This product uses a VIA Twister™ chip with Northbridge and Integrated Savage4™ 2D/3D/Video Accelerator and supports 4X AGP VGA/LCD interface and up to 32 MB frame buffer using system memory. The board is effective for use as a mini-server or gateway device with the ability to add more ethernet ports through its fast PCI slot. The PCM-9577's powerful Pentium® III 1.26GHz, Gigabit Ethernet, USB 2.0 and solid system chipset make it a perfect core technology for server equipment and other long life applications. The high quality TV-out capability makes numerous other applications

available also
Specifications
SLC type.

EMC Single Board Computers
Processor

Processor:	
Socket 370 for Intel® Celeron™/Pentium® III/512k	
Clock Speed:	
1.26 GHz	
Real Time Clock:	
Processor Misc.:	
2nd cache memory: supports 128KB/256KB/512KB on the processor	
Memory	
BIOS/Bootloader:	
Award 256 KB Flash memory	
Primary Flash:	
Supports one 50-pin socket for CFC type I/II	
Primary I/O	
Disk interface:	
2x FDD	
4x EIDE	
Audio:	
VIA 82C686 AC97 2.0 (Line-in/Line-out/Mic-in)	
Ethernet:	
IEEE 802.3u 100BASE-T Fast Ethernet compatible (PCM-9577F) IEEE 802.3z/ab 1000 BASE-T Gigabit Ethernet compatible (PCM-9577FG)	
Serial Ports:	
1x Parallel SPP/EPP/ECP	
3x RS-232	
1x RS-232/422/485	
Watchdog:	
Primary I/O Misc.:	
Parallel port: Parallel port supports SPP/EPP/ECP mode	
Infrared port: Shared with COM4. Transfer rates up to 115Kbps	
VGA/Flat-Panel Interface	
Chipset: VIA Twister™ chip with integrated Savage4™ 2D/3D/Video Accelerator	
Frame buffer: Supports 8/16/32MB frame buffer with system memory	
Interface: 4X AGP VGA/LCD interface with support for 9 / 12 /15 / 18 / 24 / 36-bit TFT and 16 / 24-bit DSTN panel	
Display mode: CRT Modes: 1280 x 1024@16bpp (60Hz), 1024 x 768@16bpp (85Hz); LCD/Simultaneous Modes: 1280 x 1024@16bpp (60Hz), 1024 x 768@16bpp (60Hz)	
LVDS: Supports 2 Channel (2 x 18bit) LVDS interface	
Secondary I/O	
USB Port:	
Keypad:	
PS/2:	
Analog on	
A/D:	
D/A:	
Dimensions	

Dimensions:

8 × 5.75 in

Weight:

0.85 kg

Form Factor:

Full EBX

Power Requirements

Typical Current:

5.6 A

Typical Voltage:

5 V

Max Boot Current:

10 A

Power Misc.:

Power management: Supports power saving modes including Normal/Standby/Suspend modes. APM 1.2 compliant

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Upper Operating Humidity:

90%

Pricing

PCM-9577F

SBC W/ LAN, USB 1.1, AND VGA/LCD

\$0.00

Parent Product:

PCM-9577FG

Above SBC W/ GB LAN AND USB 2.0

\$0.00

Parent Product:

Wiring Kits:

PCM-10586-5A

Installation Wiring Kit PCM-9577F

\$39.00

PCM-10586-5G

Installation Wiring Kit PCM-9577FG

\$39.00

Cables & Adapters:

CAB-40-001-1

USB 2 port cable w/ mounting bracket

\$11.00

CAB-80-003-1

Power Cable ATX-EBX Adapter

\$8.00

CAB-15-002-1

TV-OUT CABLE

\$0.00

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