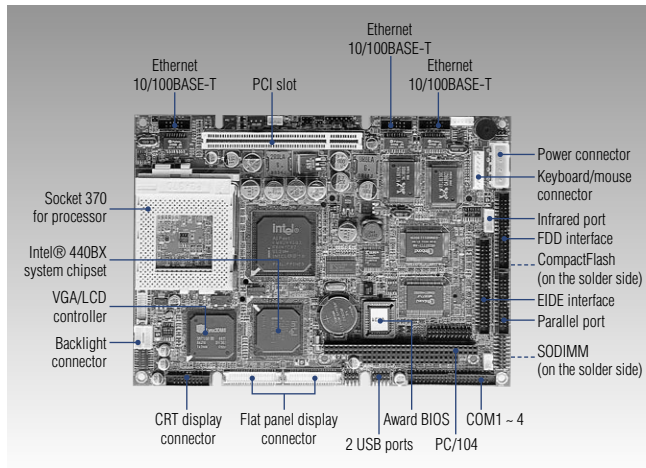


PCM-9576

Socket 370 SBC with 3 LAN, and VGA/LCD



Specifications

General

- **CPU** Socket 370 Celeron/Pentium III processor up to 850 MHz
- **2nd Cache Memory** 128 KB on the Celeron processor, 256 KB on the Pentium III
- **System Chipset** Intel 440BX AGPset, 100 MHz FSB
- **BIOS** AWARD 256 kbit Flash BIOS
- **System Memory** SDRAM 144-pin SODIMM x 2, Max. 512 MB
- **Power Management** APM 1.1, ACPI Support
- **SSD** Supports CompactFlash card
- **WatchDogTimer** 1 ~ 62 sec, 62 level timer intervals, system reset or IRQ11
- **Expansion Interface** 1 x PCI slot, 1 x PC/104 ISA slot (PCM-9576FV only)
- **Battery** Lithium 3 V/196 mA

I/O

- **I/O Interface** 1 x EIDE (Ultra DMA33), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x LPT, 1 x RS-232/422/485, 3 x RS-232 (PCM-9576FV only), 2 x RS-232 (PCM-9576F only)
- **USB** 2 USB host port, USB 1.1 compliant
- **Audio** N/A
- **IrDA** 115 kbps, IrDA 1.0 compliant
- **GPIO** N/A

Ethernet

- **Chipset** Intel 82559ER x 3, Optional Intel 82559 82559 x 3 or RTL 8139C x 3
- **Speed** 10/100 Mbps
- **Interface** RJ45 by cable
- **Standard** Three PCI IEEE 802.3u 100BASE-T Ethernet, Built-in Boot ROM in Flash BIOS

Features

- Supports Socket 370 Intel® Pentium® III processors
- Supports 2 or 3 Ethernet connections for networked computing platforms
- Supports LCD backlight turn-off function
- 3 GPIO outputs for LAN control LED indicators

Display (PCM-9576FV only)

- **Chipset** SMI LynxEM+ 712 (option Lynx 721)
- **Memory Size** 4 MB (Optional 8 MB)
- **Resolution** CRT Mode: 1280 x 1024 @ 16 bpp (60 Hz), 1024 x 768 @ 16 bpp (85 Hz), 800 x 600 @ 24 bpp (85 Hz) LCD/Simultaneous Mode: 1280 x 1024 @ 16 bpp (60 Hz), 1024 x 768 @ 16 bpp (60 Hz), 800 x 600 @ 24 bpp (60 Hz)
- **LCD Interface** Supports 3,9,12,18,24,36-bit TFT and 16 or 24-bit DSTN Panel, Optional support up to 48 bit TFT or two 18/24 bit TFT LCD (Lynx 721)
- **TV-Out (optional)** Supports both NTSC/PAL, S-video and composite video
- **Dual Independent Display** N/A

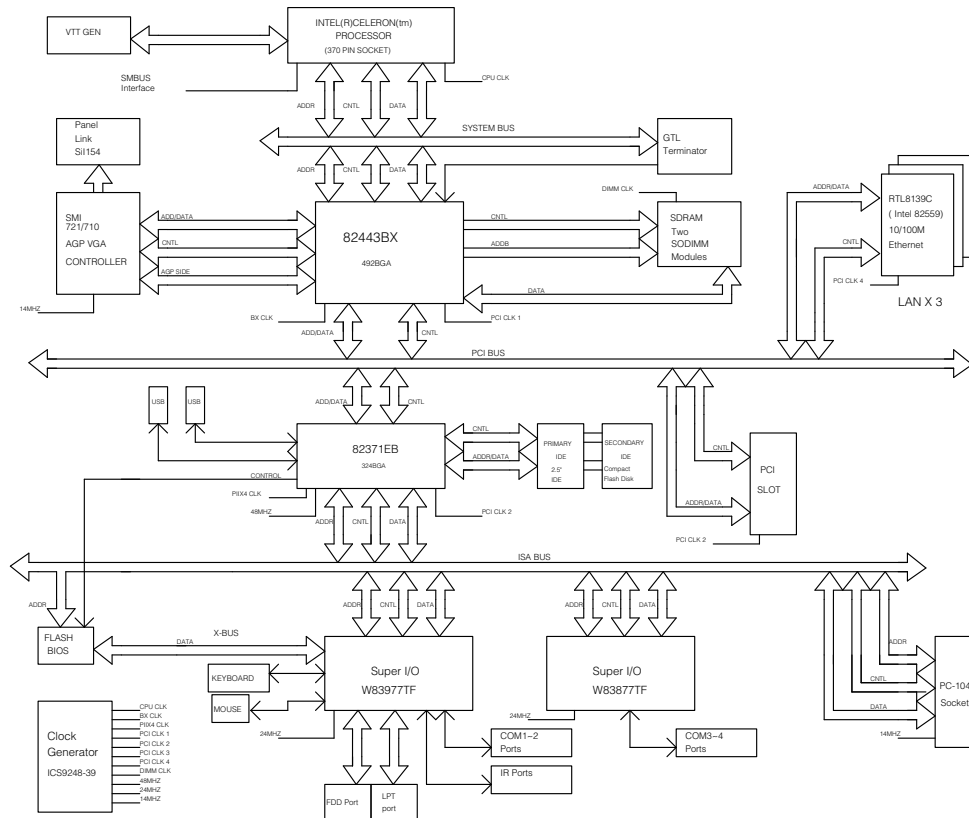
Mechanical and Environmental

- **Dimension (L x W)** 203 x 146 mm (8" x 5.75")
- **Weight** 0.75 kg (weight of total package)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, non condensin

Power

- **Power Supply Voltage** +5 V ± 5%
- **Power Consumption** Max. : 8 A @ +5 V
Typical: 5.1 A @ +5 V
(with 128 MB DRAM, Intel Celeron-466)

Board Diagram



Packing List

- 1 x PCM-9576 SBC
- 1 x Mini Jumper Pack [count.: 10 pcs]
- 1 x Startup Manual
- 1 x Utility CD

(p/n: 9689000002)

Ordering Information

Standard

- **PCM-9576F-01A1** Socket 370 SBC w/3 LANs, 2 COMs
- **PCM-9576F-00A1** Socket 370 SBC w/2 LANs, 2 COMs
- **PCM-9576FV-02A1** Socket 370 SBC w/2 LANs,VGA/ LCD, 4 COMs, PC/104
- **PCM-9576FV-03A1** Socket 370 SBC w/ 3 LANs,VGA/ LCD, 4 COMs, PC/104

Optional Accessories

- **PCM-10586-4E00** Wiring kit for PCM-9576F
- **PCM-10586-4E00** Wiring kit for PCM-9576FV
- **PCM-110-00A3** Riser card 1 x PCI for PCM-9570/9574/9576F/5864
- **PCM-120-00A3** Riser card 2 x PCI for PCM-9570/9574/9576F/5864
- **9681000040** 24-bit LCD cable adaptor (3.3 V)
- **9681000041** 24-bit LCD cable adaptor (5 V)
- **1759202400** CPU fan with heatsink for socket 7/socket 370
- **1703100260** USB cable for PCM-9570/9572F/9574/9576F/9550F/9575
- **1703100121** USB cable for PCM-9570/9550/9576/9575 to meet MBPC-300 chassis
- **MBPC-300-9576F** MicroBox 5.25" Biscuit SBC chassis for PCM-9576F (3 LANs)
- **MBPC-300-9576F2** MicroBox 5.25" Biscuit SBC chassis for PCM-9576F (2 LANs)
- **PS-55A** 55 W AC power supply for MBPC-300 chassis
- **CF-HDD-ADP** CompactFlash 50-pin to IDE 44-pin adapter
- **1703200201** ATX power control cable