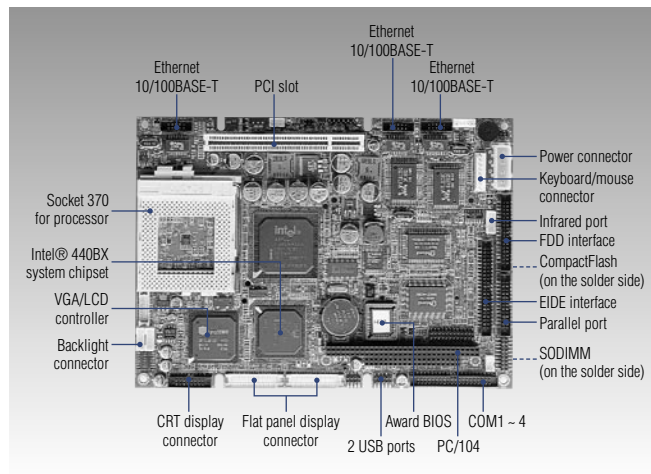


PCM-9576

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** 2 x SDRAM 144-pin SODIMM, Max. 512 MB
- **Power Management** APM 1.1, ACPI Support
- **SSD** Supports CompactFlash card
- **Watchdog Timer** 1 ~ 62 sec, 62 level interval timer, 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 x USB host ports, USB 1.1 compliant
- **Audio** -
- **IrDA** 115 Kbps, IrDA 1.0 compliant
- **GPIO** -

Ethernet

- **Chipset** 3 x Intel 82551ER, 3 x Optional Intel 82559 or 3 x RTL 8139C
- **Speed** 10/100 Mbps
- **Interface** 2 x RJ45 by cable
- **Standard** 3 x PCI IEEE 802.3u 100BASE-T Ethernet, Built-in Boot ROM in Flash BIOS

Features

- Supports Socket 370 Intel® Pentium® III processors
- Supports two or three Ethernet connections for networked computing platforms
- Supports LCD backlight turn-off function
- Three 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** -

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-condensing
- **Storage Temperature** -20 ~ 70° C (accessories Storage temperature: -20 ~ 60° C)
- **Storage Humidity** 95% @ 60° C

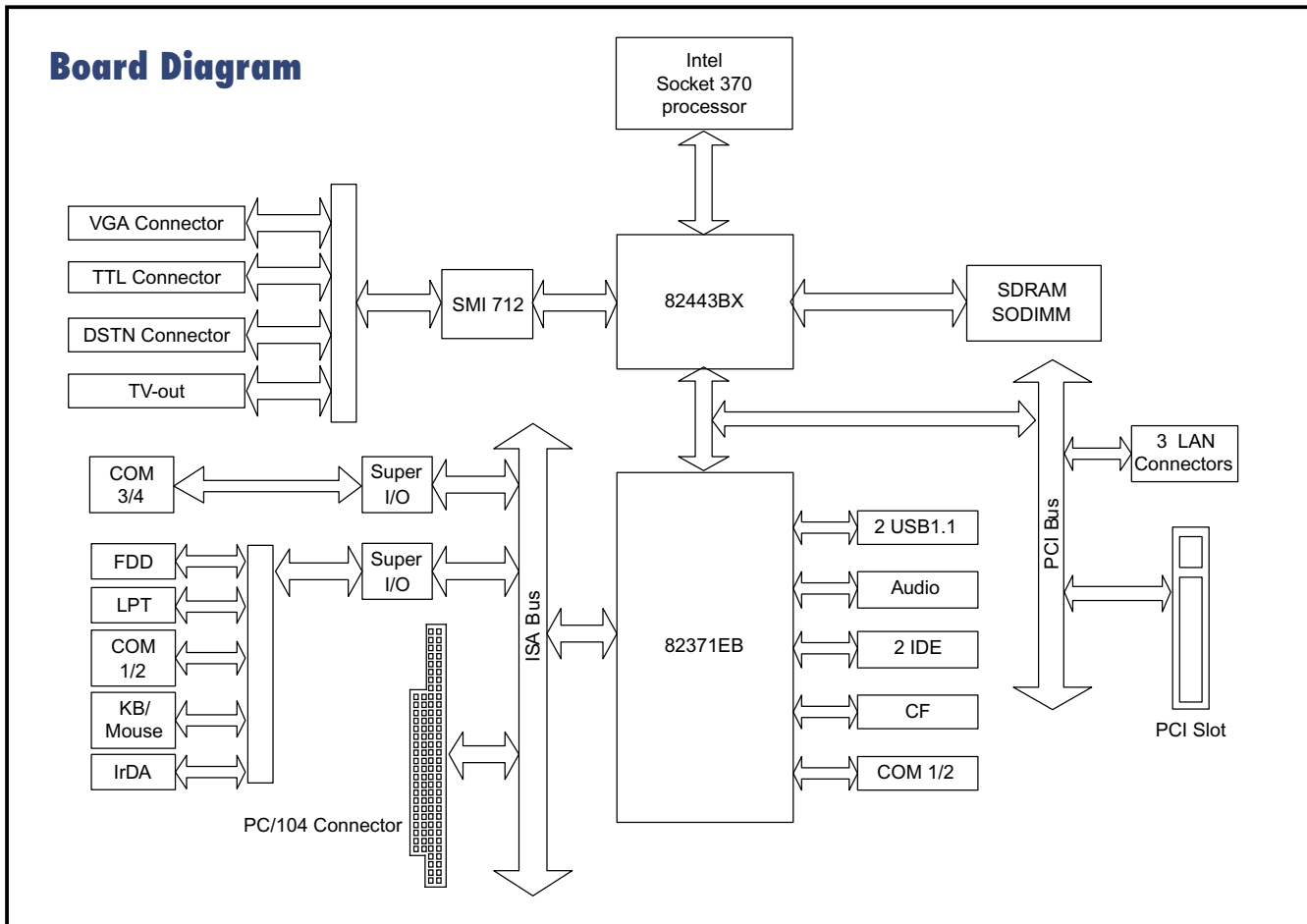
Power

- **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)

Packing List

- 1 x PCM-9576 SBC
- 1 x Mini Jumper Pack [count.: 10 pcs] (p/n: 9689000002)
- 1 x Startup Manual
- 1 x Utility CD

Board Diagram



Ordering Information

Part No.	CPU	CRT	TTL	DSTN	TV-out	10/100	Audio	USB 1.1	RS-232	RS-232/422/485	LPT/FDD/KB/MS	CF	PC/104 connector	PCI Slot	Operation Temp.
PCM-9576F-00A1E	Socket 370	--	--	--	--	2	--	2	2	--	Yes	Yes	--	1	0 ~ 60° C
PCM-9576F-01A1E	Socket 370	--	--	--	--	3	--	2	2	--	Yes	Yes	--	1	0 ~ 60° C
PCM-9576FV-02A1E	Socket 370	Yes	36-bit	Yes	Yes	2	--	2	3	1	Yes	Yes	Yes	1	0 ~ 60° C
PCM-9576FV-03A1E	Socket 370	Yes	36-bit	Yes	Yes	3	--	2	3	1	Yes	Yes	Yes	1	0 ~ 60° C

Optional Accessories

- **PCM-10586-4E00E** Wiring kit for PCM-9576F
- **PCM-10586-4E00E** Wiring kit for PCM-9576FV
- **PCM-110-00A3E** 1-slot PCI riser card for 5.25" biscuits
- **PCM-120-00A3E** 2-slot PCI riser card for 5.25" biscuits
- **9681000040** 24-bit LCD cable adaptor (3.3 V)
- **9681000041** 24-bit LCD cable adaptor (5 V)
- **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
- **CF-HDD-ADP** CompactFlash 50-pin to IDE 44-pin adapter
- **1703200201** ATX power control cable