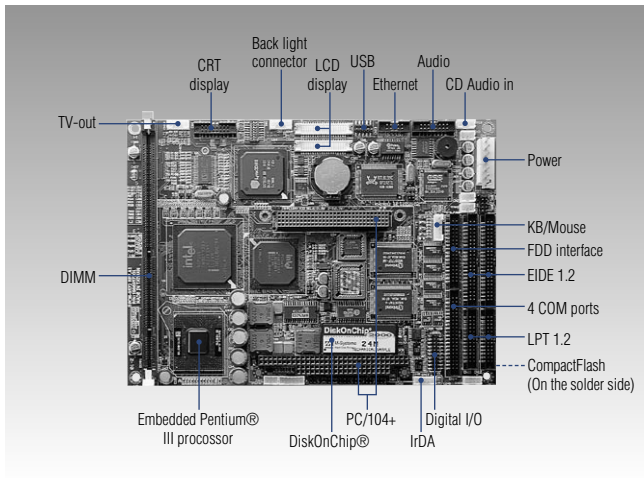


PCM-9572

Low Power Intel® Pentium® III SBC with CPU, Audio, VGA/LCD and LAN



Specifications

General

- **CPU** Embedded Intel low power Celeron-400/Pentium III-500 MHz CPU
- **2nd Cache Memory** 128 KB on the Celeron processor, 256 KB on Pentium III processor
- **System Chipset** Intel 440BX AGPset, 100 MHz FSB
- **BIOS** AWARD 256 kbit Flash BIOS
- **System Memory** SDRAM 168-pin DIMM x 1, Max. 256 MB
- **Power Management** APM 1.1
- **SSD** CompactFlash® card Type I/II and DiskOnChip®
- **WatchDog Timer** 1 - 62 sec 62 level timer intervals, system reset or IRQ11
- **Expansion Interface** PC/104-Plus (ISA & PCI)
- **Battery** Lithium 3 V/196 mA

I/O

- **I/O Interface** 2 x EIDE (Ultra DMA33), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 3 x RS-232, 2 x LPT
- **USB** 2 USB ports, USB 1.1 compliant
- **Audio** ESS ES1989 supports AC'97 2.0 compliant, Mic-in, Line-in, CD Audio-in, Line-out, Speaker-out
- **IrDA** 115 kbps, IrDA 1.1 compliant
- **GPIO** 8 TTL DIO or 6 TTL DIO & 2 Isolated DIO

Ethernet

- **Chipset** Realtek RTL8139C, optional Intel 82559 (ER)
- **Speed** 10/100 Mbps (optional)
- **Interface** RJ45 by cable
- **Standard** IEEE 802.3u 100BASE-T Fast Ethernet compatible
Built-in boot ROM in Flash BIOS

Features

- Embedded Intel® low power Pentium® III/Intel® Celeron® processor
- Fanless, 0 ~ 60° C operation
- EBX form factor
- Support Wake-on-lan, Wake-on-modem
- Support LCD backlight turn-off function
- 4 COM ports with power and DIO for POS market
- Dual 18/24-bit LCD displays, or one 48-bit TFT

Display

- **Chipset** 2 x AGP SMI Lynx 721 chip, 3D Engine
- **Memory Size** 4 MB on Lynx 721 chip
- **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)
Dual Display mode: Supports 18-bit/24-bit Dual TFT LCD under Windows® 98, Windows® ME, Windows® 2000 D1 up to 1024 x 768 @ 16 bpp D2 up to 1024 x 768 @ 24bpp
- **LCD Interface** Support for 9, 12, 18, 24, 36, 48-bit TFT and 16 or 24-bit displays
DSTN panels up to SXGA resolution
- **TV-Out** Supports both NTSC/PAL, S-video and Composite Video
- **Dual Independent Display** CRT+LCD, Dual LCD (18-bit TTL)

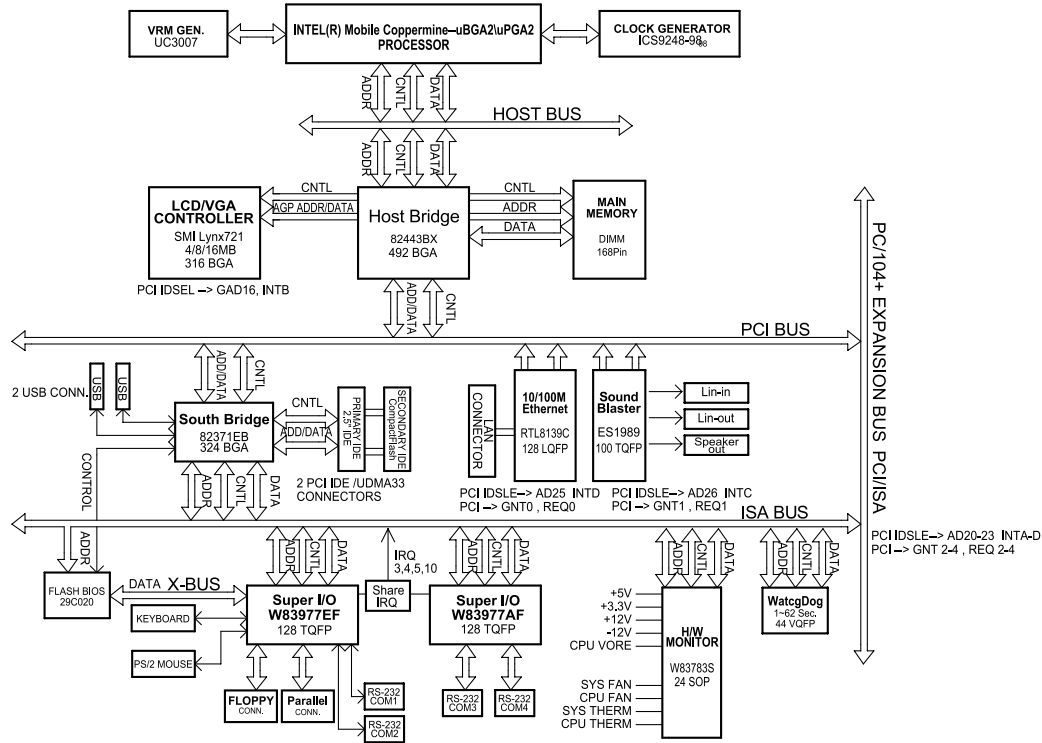
Mechanical and Environmental

- **Dimension (L x W)** EBX form factor, 203 x 146 mm (8" x 5.75")
- **Weight** 0.57 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%
- **Power Consumption** Max. : 4.5 A @ +5 V
Typical: 3.8 A @ +5 V
(with 64 MB DRAM, Intel Pentium III 500 MHz)

Board Diagram



Packing List

- 1 x PCM-9572 SBC
- 1 x Mini Jumper Pack [count.: 10 pcs] (p/n: 9689000002)
- 1 x Startup Manual
- 1 x Utility CD
- 1 x EBX 7P-4P power cable (p/n: 1703080101)

Ordering Information

Standard

- **PCM-9572F-L4A1** PIII-500 MHz CPU, Audio, 4 MB VGA/LCD, Ethernet and SSD
- **PCM-9572F-J4A1** Celeron 400 MHz CPU, Audio, 4 MB VGA/LCD, Ethernet and SSD

Optional Accessories

- **PCM-10586-5V00** Wiring kit for PCM-9572F
- **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
- **PCM-200-00A2** PC/104+ to PCI adapter
- **1703070101** ATX power control cable