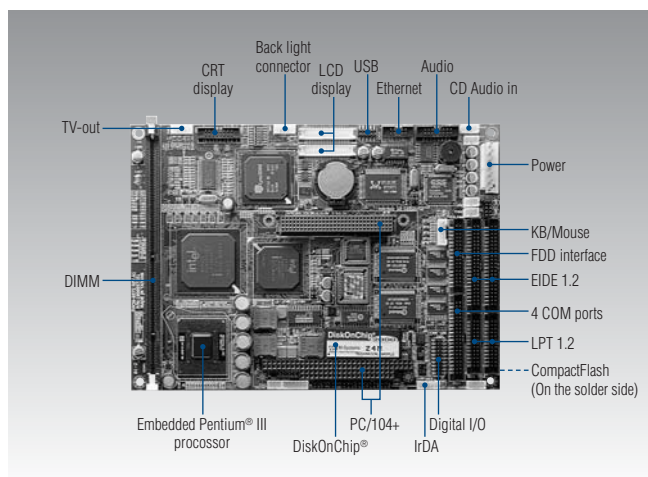


PCM-9572

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



Specifications

- **CPU** Embedded Intel® low power Celeron®-400/
Pentium® III-500 CPU
- **System Memory** SDRAM 168-pin DIMM x 1, Max. 256 MB
- **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 KB Flash BIOS
- **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 mAH
- I/O**
- **MIO** 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
- **IrDA** 115 Kbps, IrDA 1.1 compliant
- **Digital I/O** ESS ES1989 supports AC'97 2.0 compliant, Mic-in,
Line-in, CD Audio-in, Line-out, Speaker-out
- **USB** 2 USB ports, USB 1.1 compliant
- **Audio** 8 TTL DIO or 6 TTL DIO & 2 Isolated DIO
- Ethernet**
- **Chipset** RealTek RTL8139C, optional Intel® 82559 (ER)
- **Interface** IEEE 802.3u 100BASE-T Fast Ethernet compatible
Built-in boot ROM in Flash BIOS

Features

- Embedded Intel® low power Pentium® III/Celeron® processor
- Fanless, 0 ~ 60° C operation
- EBX form factor
- Supports Wake-on-lan, Wake-on-modem
- Supports 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** 2x 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

Mechanical and Environmental

- **Dimension (L x W)** EBX form factor, 203 x 146 mm (8" x 5.75")
- **Power supply Voltage** +5 V ± 5%
Max. : 4.5 A @ +5 V
Typical: 3.8 A @ +5 V
(with 64 MB DRAM, Intel Pentium® III-500)
- **Operating temperature** 0 ~ 60° C (32~140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, non condensing
- **Weight** 0.57 kg (weight of total package)

