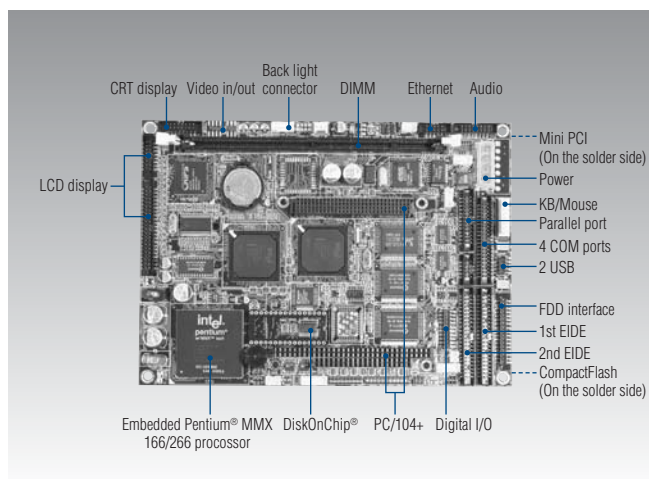


PCM-9550

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



CE FCC

Specifications

- **CPU** Embedded Intel® low power Pentium® 266 MHz processor
- **System Memory** SDRAM 168-Pin DIMM x 1, Max. 256 MB
- **2nd Cache Memory** 512 KB SRAM
- **System Chipset** Intel® 430 TX
- **BIOS** AWARD 256 KB Flash BIOS
- **SSD** CompactFlash™ card and DiskOnChip®
- **Watchdog Timer** 1 - 62 sec, 62 level timer intervals, system reset or IRQ11
- **Expansion Interface** PC/104-Plus (ISA & PCI), 1 x mini-PCI socket (Type III, PCM-9550F/FM only)
- **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, 1 x LPT
- **IrDA** 4 Mbps, IrDA 1.1 compliant
- **DIO** 8 TTL digital input and 8 TTL digital Output (2 opto-Isolated open collectors + 6 TTL)
- **Audio** Creative ES1989 supports AC'97 2.0 compliant, Mic-in, Line-in, CD Audio-in, Line-out, speaker-out (PCM-9550F, PCM-9550FM)
- **USB** 2 USB ports, USB 1.1 compliant
- Ethernet**
- **Chipset** RealTek RTL8139C
- **Interface** IEEE 802.3u 100BASE-T Fast Ethernet compatible
Built-in boot ROM in Flash BIOS
- Display**
- **Chipset** Asilient (C&T) 69000 or 69030
- **Memory Size** 2 MB or 4 MB
- **Resolution** CRT Mode: 1280 x 1024@8 bpp (60 Hz), 1024 x 768@16 bpp (85 Hz), 800 x 600 @24 bpp (85 Hz) LCD/Simultaneous Mode: 1280 x 1024@8bpp, 1024 x 768@16 bpp, 800 x 600@24 bpp
- **LCD Interface** Support for up to SXGA TFT panels with 9, 12, 16, 18, 24, 36-bit and 8, 16, 24-bit DSTN panels up to SVGA resolution
- **Dual Display** Supports Dual Display (69030/4 MB only) under Windows® 98/Windows® 2000
- **Video-in/TV-out** Philips SAA711A, supports both NTSC and PAL, S-video and Composite Video (9550FM only)

Features

- Embedded Intel® low power Pentium® MMX processor
- Fanless 0 ~ 60° C operation
- Mini PCI Interface
- Supports Wake-on-LAN, Wake-on-modem
- Supports LCD backlight turn-off function
- 4 COM ports w/power & DIO for POS market
- Supports Dual Display under Windows® 98/Windows® 2000 (69030)

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: 2.8 A @ +5 V
(with 64 MB DRAM, Intel® Pentium® -266)
- **Operating temperature** 0 ~ 60° C (32~140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, non condensing
- **Weight** 0.57 kg (weight of total package)

Packing List

- 1 PCM-9550 SBC
- 1 Mini Jumper pack [count.: 10 pcs] (p/n: 9689000002)
- Startup manual
- Utility CD

Ordering Information

Standard

- **PCM-9550F-F0A1** Pentium® SBC with 266 MHz CPU, Audio, VGA, LCD, Ethernet and SSD
- **PCM-9550F-F4A1** Same as PCM-9550F-F0A1, but w/4 MB VGA
- **PCM-9550L-F0A1** Same as PCM-9550F-F0A1, but without audio, DIO, CFC, PC/104+, LPT2, Share IRQ, Mini PCI

Optional

- **PCM-10586-5000** Wiring kit for PCM-9550F
- **PCM-10586-5M00** Wiring kit for PCM-9550FM
- **PCM-10586-5L00** Wiring kit for PCM-9550L
- **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
- **MBPC-300-9550F** Micro Box 5.25" Biscuit SBC chassis for PCM- 9550F, PCM-9550L
- **PS-55A** 55 W AC power supply for MBPC-300