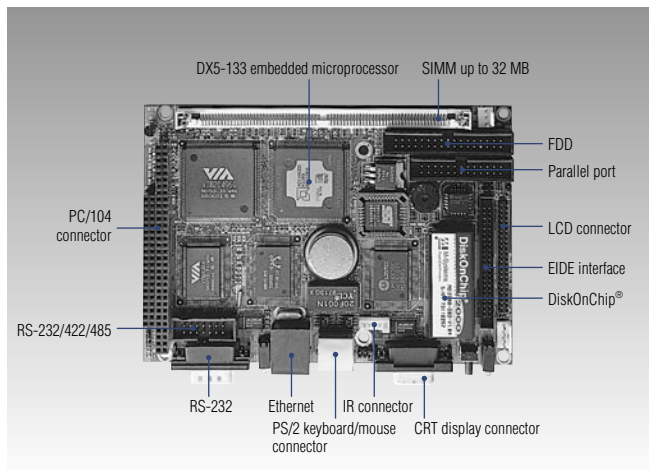


PCM-4823

**3.5" 486 SBC with Intel® DX4,
DX4, VGA, LCD, LAN**



Specifications

- **CPU** Onboard AMD DX5-133 processor (Rev. B1)
Onboard Intel DX4-100 processor (Rev. C1)
- **2nd Cache Memory**
- **System Chipset** VIA 82C496G/82C416
- **BIOS** AWARD® 128 kbit Flash BIOS
- **System Memory** EDO/FPM SIMM x 1, Max. 32 MB
- **Power Management**
- **SSD** Supports DiskOnChip®
- **WatchDog Timer** Software enable/disable 1.6 sec.
- **Expansion Interface** PC/104
- **Battery** Lithium 3 V/195 mAh

I/O

- **I/O Interface** 1 x EIDE, 1 x FDD, 1 x K/B, 1 x Mouse,
1 x RS-232/422/485, 1 x RS-232, 1 x LPT
- **USB** N/A
- **Audio** N/A
- **IrDA** 115 kbps, IrDA 1.0 compliant
- **GPIO** N/A

Ethernet (PCM-4823)

- **Chipset** RealTek® 8019AS
- **Speed** 10/100 Mbps (optional)
- **Interface** 1 x RJ45
- **Standard** IEEE 802.3i 10 Base-T Ethernet compatible
Built-in boot ROM in Flash BIOS

Display

- **Chipset** Asilant® (C&T) 65550
- **Memory Size** 1 MB
- **Resolution** Up to 1024 x 768 @ 8 bpp non-interlaced CRT and
1024 x 768 @ 8 bpp TFT LCD display
- **LCD Interface** Up to 24-bit TTL for Mono/STN/TFT LCD
- **TV-out** N/A
- **Dual Independent Display** N/A

Features

- Compact with onboard AMD DX5-133 or Intel® DX4-100 processor
- 10Base-T Ethernet
- 24-bit LCD interface

Mechanical and Environmental

- **Dimension (L x W)** 146 x 102 mm (5.7" x 4")
- **Weight** 0.65 kg (weight of total package)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, noncondensing

Power

- **Power Supply Voltage** +5 V ± 5%,
- **Power Consumption** Max. : 3 A @ +5 V
Typical: 1.8 A @ +5 V (for DX5-133 w/32 MB DRAM)

Packing List

- 1 x PCM-4823 SBC
- 1 x Mini Jumper pack [count.: 10 pcs] (p/n: 9689000002)
- 1 x Keyboard & mouse cable 6P-6P-6P (p/n: 1700060202)
- 1 x Cable for LPT port (p/n: 1701260301)
- 1 x COM2 cable (p/n: 1701140202)
- 1 x FDD cable (p/n: 1701340700)
- 1 x HDD cable (p/n: 1701400501)
- 1 x Startup manual
- 1 x Utility CD

Ordering Information

Standard

- **PCM-4823-00C1** 3.5" 486 SBC with Intel DX4-100, VGA, LCD, LAN
- **PCM-4823L-00C1** Same as PCM-4823-00C1, but without VGA/LCD
- **PCM-4823V-00C1** Same as PCM-4823-00C1, but without Ethernet

Optional Accessories

- **MBPC-200-4823** MicroBox 3.5" Biscuit SBC chassis for PCM-4823
- **MBPC-200-4823L** MicroBox 3.5" Biscuit SBC chassis for PCM-4823L
- **PS-50A** 50 W AC power supply for MBPC-200
- **PS-25D** 25 W DC power supply for MBPC-200 with 486 SBC
- **1759203900** CPU Fan DC 5 V, 35 x 35 x 6 mm (Alum)