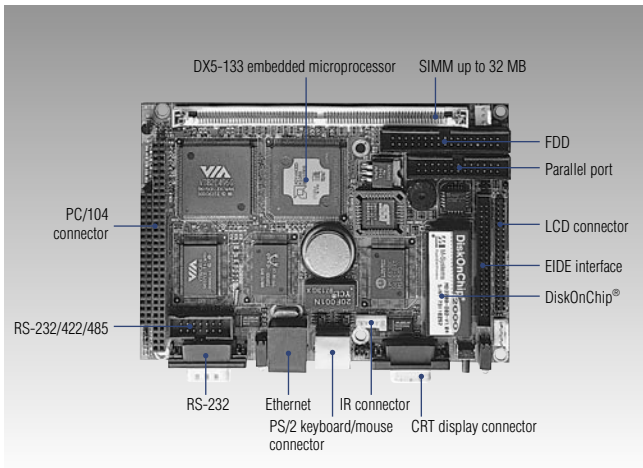


# PCM-4823

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**  
Asiliant® (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)