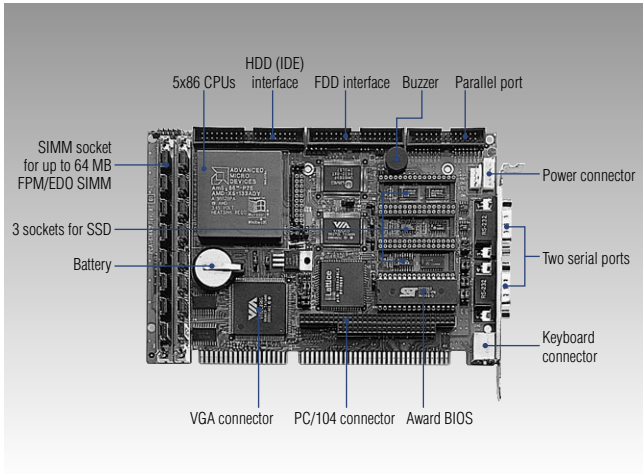


# PCA-6144

ISA Intel® 486 Slot-PC SBC,  
with DOC and PC/104



CE FCC

## Specifications

### General

- **CPU** Supports Intel® 80486 DX/DX2/DX4, AMD 80486 DX2/DX4
- **2nd Cache Memory** 128 KB PB SRAM
- **System Chipset** VIA VT82C496G
- **BIOS** AWARD 1 Mbit
- **System Memory** FPM/EDO SIMM x 2, Max. 64 MB
- **Power Management** APM 1.1
- **SSD** Support one DiskOnChip® 2000 or 3 sockets for 360 KB/1.44 MB Flash/EPROM
- **Watch Dog Timer** 1 ~ 62 sec, System reset or IRQ15
- **Expansion Interface** 1x 16-bit ISA slot, 1x PC/104 connector
- **Battery** Lithium 3 V/196mAh

### 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** N/A
- **GPIO** N/A
- **I/O Expansion** PC104, ISA

### Ethernet

N/A

## Features

- 128K L2 cache
- PC/104 interface
- Supports DiskOnChip® SSD Solution
- 1 ~ 62 sec. Watchdog timer

### Mechanical and Environmental

- **Dimension (L x W)** 185 x 122 mm (7.3" x 4.8")
- **Weight** 0.27 kg (weight of total package)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F), operation
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing
- **Power Supply Voltage** +5 V ± 5%
- **Power Consumption** Max : 5 V @ 3 A  
Typical : 5 V @ 1.6 A (w/ AMD 5x86-P75, 16 MB DRAM)

## Packing List

- 1 x PCA-6144 SBC
- 1 x Y cable for PS/2 Keyboard, PS/2 Mouse (p/n:1700060202)
- 1 x EIDE (HDD) Cable (500 mm) (p/n:1701400601)
- 1 x FDD Cable (290 mm) (p/n:1701340700)
- 1 x Parallel cable kit (p/n:1709612600)
- Mini Jumper (p/n:1653300100)
- 1 x Startup Manual
- 1 x Utility CD

## Ordering Information

### Standard

- **PCA-6144S-00B2** ISA 486 Slot SBC. DOC/PC104

### Optional Accessories

- **MBPC-641** 4-slot IPC chassis w/backplane & 65 W power supply
- **IPC-644-80** 4-slot IPC chassis w/backplane & 80 W power supply
- **IPC-6806S** 6-slot IPC chassis w/backplane & 100 W power supply
- **PCA-6114-B** 14-slot ISA passive backplane
- **PCA-6108-0B1** 8-slot ISA passive backplane
- **PCA-6106-B** 6-slot ISA passive backplane
- **PCA-6104-0C1** 4-slot ISA passive backplane
- **P-MP48100AITLB1** Intel 486DX4-100 CPU
- **1759202300** 486 CPU cooling fan with heatsink

1  
System On Module

2  
PC/104 Modules

3  
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4  
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5  
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6  
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