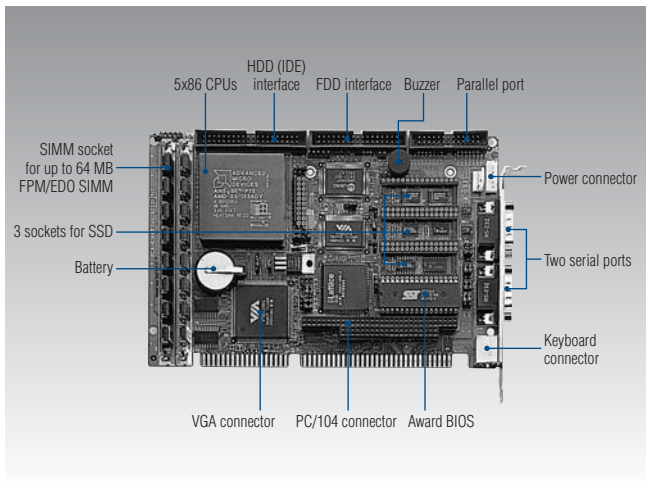


# PCA-6144

ISA 486 Slot SBC, DOC and PC/104

- 1 System on Module Solutions
- 2 Single Board Computers and Accessories
- 3 PC/104 Modules
- 4 Slot CPU Cards and Accessories
- 5 AIMB/POS Control Boards
- 6 Internet Security Platforms
- 7 Embedded Software
- 8 Apps



CE FCC

## Specifications

- **CPU** Supports Intel® 80486 DX/DX2/DX4, AMD 80486 DX2/Dx4
  - **System Memory** FPM/EDO SIMM x 2, Max. 64 MB
  - **2nd Cache Memory** 128 KB PB SRAM
  - **System Chipset** VIA VT82C496G
  - **BIOS** AWARD
  - **SSD** Support one DiskOnChip® 2000 or 3 sockets for 360KB/1.44MB Flash/EPROM
  - **Watchdog Timer** 1 ~ 62 Sec, System reset or IRQ15
  - **Expansion Interface** 1x 16-bit ISA slot, 1x PC/104 connector
  - **Battery** Lithium 3V/196mAH
- I/O**
- **MIO** 1 x EIDE, 1x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1 x LPT

## Mechanical and Environmental

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

## Features

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

## Packing List

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

## Ordering Information

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

## Optional accessories

- **MBPC-641** 4-slot IPC chassis w/backplane & 65W power supply
- **IPC-644-80** 4-slot IPC chassis w/backplane& 80W power supply
- **IPC-6806S** 6-slot IPC chassis w/backplane & 100W 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