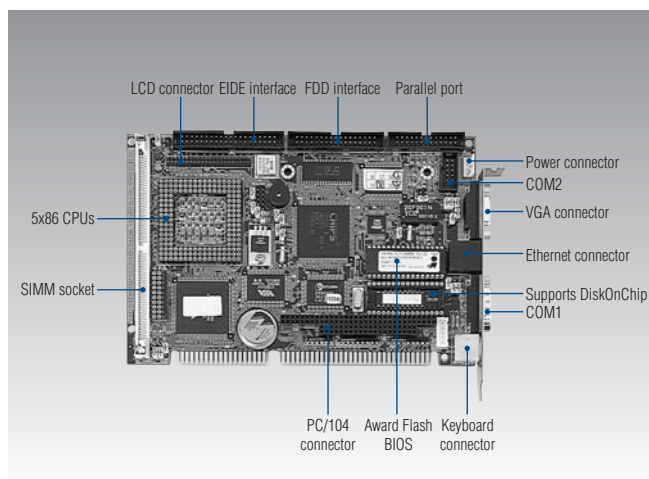


PCA-6145

ISA 486 Slot SBC, VGA/LCD/LAN/DOC
and PC/104



CE FCC

Specifications

- **CPU** Supports Intel® 80486 DX/DX2/DX4, AMD 80486 DX2/Dx4
- **System Memory** FPM/EDO SIMM x 1, Max. 32 MB
- **2nd Cache Memory** 128 KB SRAM
- **System Chipset** VIA VT82C496G
- **BIOS** AWARD
- **SSD** DiskOnChip®
- **Watchdog Timer** 1 ~ 62 Sec, System reset or IRQ15
- **Expansion Interface** 1x 16-bit ISA slot, 1x PC/104 connector
- **Battery** Lithium battery

I/O

- **MIO** 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
- **Ethernet** 10 BASE-T, NE1000, NE2000 compatible, on-board RJ45 connector (PCA-6145B only)

Ethernet

- **Chipset** UMC UM9008 (PCA-6145B only) built-in 8k x 16 SRAM
- **Ethernet Interface** NE-1000 and NE-2000
- **Connection** on-board RJ-45
- **Boot ROM** Build-in system BIOS (optional)
- **I/O address switchless setting**

Display

- **Chipset** Asilant (C & T) 65550
- **Memory Size** 1MB
- **Resolution** CRT: 1024 x 768 @ 8 bpp (non-interlaced), 800 x 600 @ 8 bpp, 640 x 480 @ 8 bpp
LCD: 640 x 480 @ 16 bpp
- **LCD Interface** 16-bit TTL for Mono/STN/TFT LCD

Features

- On board VGA & LCD displays
- PC/104 connector
- On board Ethernet
- Supports DiskOnChip® SSD Solution
- 1~62 sec. Watchdog timer

Mechanical and Environmental

- **Dimensions (L x W)** 185 x 122 mm (7.3" x 4.8")
- **Power Supply Voltage** +5 V $\pm$ 5%
- **Power Requirements** Max : 5 V @ 3 A
Typical : 5 V @ 1.8 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

Packing List

- **PCA-6145 SBC**
- **Y cable for PS/2 Keyboard, PS/2 Mouse** (p/n:1700060202)
- **E-IDE (HDD) Cable (500mm)** (p/n:1701400601)
- **FDD Cable (290mm)** (p/n:1701340700)
- **COM2 & Parallel port cable kit** (p/n:1701260303)
- **Mini jumper** (p/n:1653300100)
- **Startup manual**
- **Utility CD**

Ordering Information

- **PCA-6145B-00C2** ISA 486 Slot SBC. VGA /LCD/ Ethernet/DOC/PC104
- **PCA-6145L-00C2** ISA 486 Slot SBC. VGA /LCD/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® 486 DX4-100 CPU
- **1759202300** 486 CPU cooling fan with heatsink