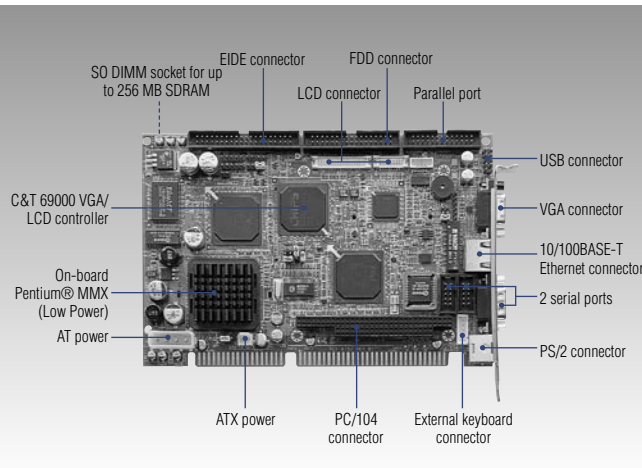


PCA-6751

**ISA Tillamook® Slot-PC SBC
with Pentium® 266 MHz CPU/
VGA/LCD/LAN/CFC and PC/104**



Specifications

General

- CPU** Onboard Low Power Pentium MMX, 266 MHz
- 2nd Cache Memory** 512 KB PB SRAM
- System Chipset** Intel® 430TX
- BIOS** AWARD® 256 kbit Flash BIOS
- System Memory** 2 x SDRAM SODIMM, Max. 256 MB
- Power Management** APM 1.2
- SSD** Supports CompactFlash Card
- Watch Dog Timer** 1 ~ 62 sec, System reset or IRQ11
- Expansion Interface** 1 x 16-bit ISA slot, 1 x PC/104 connector
- Battery** Lithium 3 V/196 mAh

I/O

- I/O Interface** 1 x EIDE (Ultra DMA33), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1 x LPT
- USB** 2 x USB port, USB 1.1 compliant
- Audio** N/A
- IrDA** 115 kbps SIR, IrDA 1.0 compliant
- GPIO** N/A
- I/O Expansion** PC/104, ISA

Ethernet

- Chipset** Intel 82559 (PCA-6751-F1B2, PCA-6751CE-001)
RTL™ 8139C (PCA-6751-F0B2);
- Speed** 10/100Base-T
- Interface** 1 x RJ-45
- Standard** IEEE 802.3u compatible
- Boot ROM** Built-in system (optional)

Display

- Chipset** Asiliant® (C&T) 69000
- Memory Size** 2 MB (Optional 4 MB with 69030)
- Resolution** CRT mode: 1280 x 1024 @ 8 bpp, 1024 x 768 @ 16 bpp, 800 x 600 @ 24 bpp
- LCD Interface** Up to 36-bit TTL for Mono/STN/TFT LCD
- LVDS Interface** N/A
- TV-Out** N/A
- Dual Independent Display** N/A

Features

- Low power 266 MHz Pentium® CPU
- Onboard PCI SVGA VGA/LCD display
- Supports CompactFlash® SSD solution
- Superior low power consumption, requires no CPU cooling fan
- 10/100 Mbps Ethernet

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 ~ 70° C (32 ~ 158° F), operation
- Operating Humidity** 0% ~ 90% relative humidity, non-condensing
- Power Supply Voltage** +5 V ± 5%
- Power Consumption** Max : 5 V @ 5 A
Typical : 5 V @ 2.5 A (128 MB DRAM)

Packing List

- 1 x PCA- 6751 SBC
- 1 x Y cable for PS/2 Keyboard, PS/2 Mouse (p/n:1700060202)
- 1 x E-IDE (HDD) Cable (500 mm) (p/n:170140060A)
- 1 x FDD Cable (290 mm) (p/n:1701340700)
- 1 x COM2, Parallel port cable kit (p/n:1701260303)
- 1 x ATX/AT power cable (p/n:1700000450)
- 1 x ATX/AT power cable converter (p/n:1700040052)
- 1 x Mini Jumper (p/n:1653300100)
- 1 x Startup manual
- 1 x Utility CD

Ordering Information

Standard

- PCA-6751-F0B2** ISA Tillamook® Slot SBC. P266/VGA/LCD/Fast Ethernet (8139)/CFC/PC104
- PCA-6751-F1B2** ISA Tillamook Slot SBC. P266/VGA/LCD/Fast Ethernet (82559)/CFC/PC104
- PCA-6751V-F0B2** ISA Tillamook Slot SBC. P266/ VGA/LCD/CFC/PC104
- PCA-6751Z-F1B2** PCA-6751-F1B2 Phoenix® operation (Gold package)
- PCA-6751Z2-F1B2** PCA-6751-F1B2 Phoenix® operation (Platinum package)

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
- 1700100170** USB cable adapter (2.54 mm)
- 9689000042** IrDA adapter