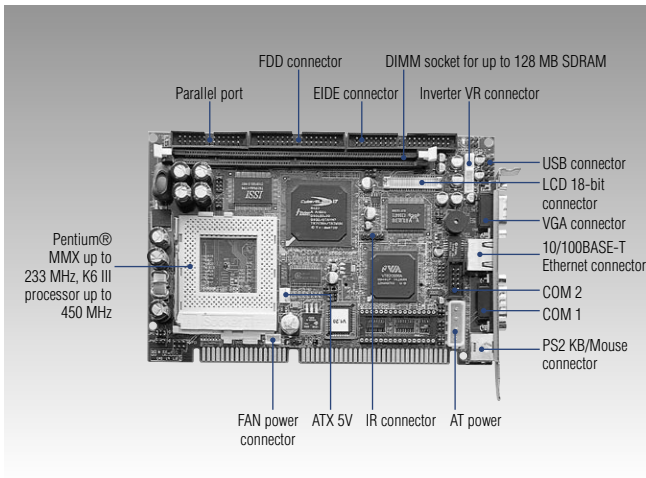


PCA-6752

ISA Super 7 Slot-PC SBC, with VGA/LAN/DOC



CE FCC

Specifications

General

- **CPU** Socket 7 Intel P54C/P55C, AMD K5/K6/K6-2/K6-3 up to 550 MHz supports 66/75/83/100 MHz FSB
- **2nd Cache Memory** 512 KB PBSRAM (66/100 MHz)
- **System Chipset** VIA MVP4 (VT82C686 + VT8501)
- **BIOS** AWARD 256 kbit Flash BIOS
- **System Memory** SDRAM DIMM x 1, Max. 128 MB
- **Power Management** APM 1.1
- **SSD** DiskOnChip®
- **Watch Dog Timer** 1 ~ 62 sec, System reset or IRQ11
- **Expansion Interface** 16-bit ISA
- **Battery** Lithium 3 V /196 mAh

I/O

- **I/O Interface** 1 x EIDE (UltraDMA66), 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 USB ports, USB 1.1 compliant
- **Audio** N/A
- **IrDA** 115 kbps SIR, IrDA 1.0 compliant
- **GPIO** N/A
- **I/O Expansion** ISA

Ethernet

- **Chipset** RTL8139C
- **Speed** 10/100Base-T
- **Interface** RJ-45
- **Standard** IEEE 802.3u compatible

Display

- **Chipset** VIA MVP4 built-in VGA controller, AGP 2x
- **Memory Size** 2 ~ 8 MB (UMA)
- **Resolution** CRT mode: 800 x 600 @ 24 bpp
1024 x 768 @ 24 bpp
- **LCD Interface** N/A
- **LVDS Interface** N/A
- **TV-Out** N/A
- **Dual Independent Display** N/A

Features

- Supports Super 7 architecture
- Core Logic integrated 2 x AGP 2.0 compliant graphics feature
- 66/100 MHz FSB
- Supports wake-up on LAN, modem
- Supports full DVD 1.0, VCD 2.0 and CD-Karaoke

Mechanical and Environmental

- **Dimension (LxW)** 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 : 8.5 A @ 5 V
Typical: 6.68 A @ 5 V (w/ K6-III / 450, 64 MB)

Packing List

- 1 x PCA-6752 SBC
- 1 x Y cable for PS/2 Keyboard, PS/2 Mouse (p/n:1700060202)
- 1 x Ultra ATA (HDD) Cable (457 mm) (p/n:1701400452)
- 1 x FDD Cable (700 mm) (p/n:1701340700)
- 1 x COM port & Parallel port cable (p/n:1701260303)
- 1 x ATX/AT power cable (p/n:1700000450)
- 1 x ATX/AT power cable converter (p/n:1700040052)
- Mini Jumper (p/n:1653302122)
- 1 x Startup Manual
- 1 x Utility CD

Ordering Information

Standard

- **PCA-6752N-00A3** ISA Super 7 Slot SBC VGA/Ethernet/DOC

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
- **1759202400** Fan/heatsink module

1
System On Module

2
PC/104 Modules

3
Single Board Computers

4
Slot CPU Cards

5
Industrial MotherBoard

6
Embedded Box Computers

7
Panel PCs

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Smart Home Networking Platforms

9
Vehicle Mounted Computing Platforms

10
Medical Computing Platforms

11
Display Solutions & Open-Frame Kits

12
Embedded Software Solutions