

PPC-S153T

UltraSlim™ Panel PC with 15" Color TFT LCD and Intel® Pentium® III Processor



Features

- 15" XGA TFT LCD
- Intel® Pentium® III CPU to 1 GHz
- System memory up to 1 GB
- Built-in FDD/CD-ROM drives
- One MINI PCI socket expansion
- UltraSlim profile: only 49 mm (1.93") in depth
- 10/100Base-T Ethernet
- Built-in speakers

Introduction

The PPC-S153T is a high performance and UltraSlim™ 15" Panel Computer, incorporating all the features of a powerful computer packed into a slim and stylish housing. Its streamline design occupies only 49 mm in depth. Built with a 15" TFT XGA LCD, a powerful Intel Pentium III CPU up to 1 GHz and a built-in 3D display engine, the PPC-S153T provides a state-of-the-art information terminal or computing platform for POI, and multimedia. Meanwhile, the compact and slim design makes PPC-S153T flexible to install. Wall mounting, hanging, swing arm mounting, and desktop stand mounting are all possible options.

Specifications

- **CPU** Supports Socket 370 based Intel Pentium III CPU up to 1 GHz
- **Memory** Supports up to 1 GB SDRAM SODIMM
- **Disk Drive Housing** Room for one 2.5" HDD
- **SSD** Supports 1 internal CompactFlash Type II socket
- **HDD** One IDE HDD interface (2.5" HDD bay)
- **FDD** Supports 720 KB / 1.44 MB FDD
- **CD-ROM Drive** Compact 24X or above
- **DVD-ROM Drive** Optional 6X or above
- **Combo drive** Optional DVD/CD-RW 8D/24W/24E/24R or above
- **Network (LAN)** 10/100Base-T Ethernet interface
- **I/O Ports**
 - 2 serial ports: RS-232 x 1, RS-232/422/485 x 1
 - 1 parallel port, 4 USB ports
 - 1 PS/2 mouse and keyboard interface
 - Mic-in, Line-in, Line-out
- **Bus Expansion** One MINI PCI expansion slot
- **Front Panel Protection** IP 65/NEMA 4 compliant
- **Dimensions (W x H x D)** 375 x 299 x 49 mm (14.76" x 11.77" x 1.93")
- **Weight** 4.9 kg (10.78 lb)

LCD Display

- **Display Type** 15" TFT
- **Resolution** 1024 x 768
- **Color** 256 k or above
- **Pixel Pitch** 0.297 x 0.297 mm
- **Brightness** 350 cd/m²
- **Viewing Angle** 60° (left), 60° (right), 40° (up), 60° (down)
- **Brightness Control** Yes (Hot key)
- **Simultaneous Mode** Yes (Optional)
- **LCD Lifetime** 50,000 hrs
- **Backlight MTBF** 50,000 hrs

Touchscreen (Optional)

- **Type** Analog resistive, continuous resolution
- **Light Transmission** 75%
- **Controller Interface** PS/2
- **Power Consumption** < 5 V @ 100 mA
- **Software Driver** Supports DOS, Windows 95/98/NT/ME/2000/XP
- **Touch Lifetime** 10 million

Power Supply

- **Output Rating** Onboard DC/DC power supply 70W
- **Input Voltage** 24 V_{DC} (Typical)
- **Output Voltage** 5V @ 12A, 24V @ 0.3A
- **Adaptor** 100-240 V_{AC} to 19 V_{DC} @ 3.79 A

Environmental Specifications

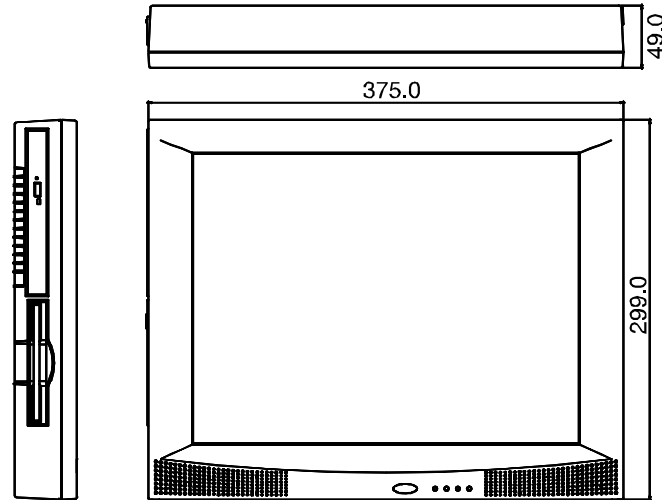
- **Operating Temperature** 0 ~ 45° C (32 ~ 113° F)
- **Relative Humidity** 10 ~ 95% @ 40° C, non-condensing
- **Shock** 10 G peak acceleration (11 msec. duration)
- **EMI/EMS** CE, FCC Class B
- **Safety** UL, CE

Ordering Information

- **PPC-S153T-072** **Bare BOM: PPC-S153T-072-X**
UltraSlim™ Intel Pentium III-based Panel Computer with 15" TFT LCD
- **PPC-S153T-R72** **Bare BOM: PPC-S153T-R72-X**
PPC-S153T-072 with resistive touchscreen
- **PPC-S153 STAND** Stand kit for PPC-S153T
- **PPC-S15X STAND-BLK** Black stand kit for PPC-S153T/S154T
- **PPC-S153 WL-MT** Wallmount kit for PPC-S153T
- **PPC-ARM-A01** VESA standard ARM for PPC series

Dimensions

Unit: mm (inch)



Feature Details

High-performance CPU and Display

The PPC-S153T's Socket 370 CPU board with 133 MHz front side bus can support up to 1 GHz. Integrated a 3D display controller and 15" XGA and true color LCD, the PPC-S153T also demonstrates its excellent display performance.

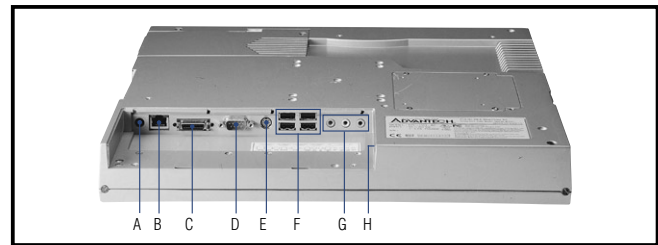
UltraSlim™ Profile

With a dimension of 375 x 299 x 49 mm, the PPC-S153T occupies much less space than previous panel computers. Thanks to its VESA compliant slim design, the PPC-S153T also provides flexibility in its installation, such as wall mounting, hanging, swing arm mounting, or fixed on a desktop stand.

Networking and Expansion Capability

Two serial ports, four USB ports and a 10/100Base-T Ethernet controller enable the PPC-S153T with advanced networking capabilities and provide the best solution for versatile applications. With a built-in Type III MiniPCI socket, the PPC-S153T can offer the connecting with Type III MiniPCI 56 K modem or second Ethernet or WLAN card to enhance the networking capability.

Fully-integrated I/O



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|-------------------------------|----------------------------|
| A. DC inlet | E. Keyboard/Mouse |
| B. 10/100Base-T Ethernet port | F. USB ports |
| C. Parallel port | G. Mic-in/Line-out/Line-in |
| D. COM 1 port | H. COM2 port |