

# PPC-S154T

## 15" UltraSlim™ Panel PC with Intel® Pentium® 4/Pentium® M Processor



### Features

- 15" TFT XGA LCD
- Mobile Intel® Pentium® 4 Processor-M CPU up to 2.2 GHz
- System memory up to 1 GB DDR SDRAM
- Built-in FDD/CD-ROM drive/speakers
- One Mini PCI expansion slot
- 10/100Base-T Ethernet (or optional Gigabit Ethernet)
- Meets VESA standard
- Supports one internal CompactFlash® Type II socket
- UltraSlim™ profile: only 49 mm (1.93") in depth

### Introduction

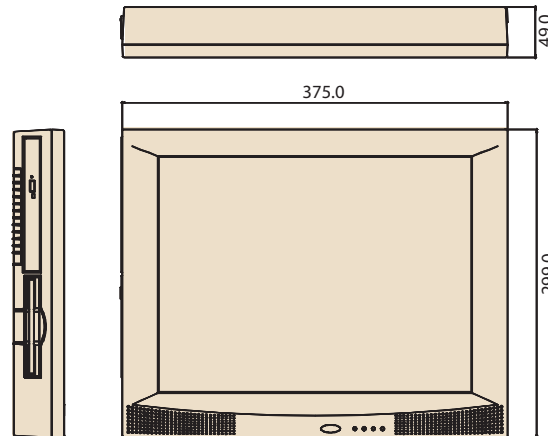
PPC-S154T is a high performance and UltraSlim 15" Panel Computer, incorporating all the features of a powerful computer packed into a slender, stylish housing. Built with a 15" TFT XGA LCD, a powerful Mobile Intel Pentium 4 Processor-M CPU up to 2.2 GHz, and 3D display engine, the mobile Intel Pentium 4 Processor-M is the first Intel mobile processor with the Intel NetBurst™ micro-architecture. The PPC-S154T provides a state-of-the-art information terminal or computing platform for POI, multimedia and medical applications. Meanwhile, the compact and slim design makes the PPC-S154T flexible in installation, such as wall mounting, hanging, swingarm mounting, and desktop stand mounting.

### Specifications

|                              |                             |   |
|------------------------------|-----------------------------|---|
| Processor System             | CPU                         | Supports Socket 478 based Mobile Intel Pentium 4 Processor-M CPU up to 2.2 GHz (Standard is built-in 1.7 GHz CPU) |
|                              | Memory                      | Supports up to 1 GB DDR SDRAM SODIMM (Standard is built-in 256 MB SDRAM)  |
|                              | SSD                         | Supports 1 x internal CompactFlash Type II socket   |
|                              | HDD                         | 1 x 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  |
|                              | Network (LAN)               | 10/100Base-T Ethernet interface (or Gigabit optional)   |
|                              | Bus Expansion               | 1 x Mini PCI expansion slot   |
|                              | Front Panel Protection      | IP 65/NEMA 4 compliant  |
| LCD Display                  | 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)   |
|                              | Display Type                | 15" TFT   |
|                              | Resolution                  | 1024 x 768  |
|                              | Color                       | 256 K or above  |
|                              | Pixel Pitch                 | 0.297 x 0.297 mm  |
|                              | Brightness                  | 350 cd/m <sup>2</sup> (Typ.)  |
|                              | Viewing Angle               | 60° (left), 60° (right), 40° (up), 60° (down)   |
| Touchscreen (Optional)       | Simultaneous Mode           | Yes (Optional)  |
|                              | Backlight MTBF              | 50,000 hrs  |
|                              | Type                        | Analog resistive, continuous resolution   |
|                              | Light Transmission          | 80%   |
| Power Supply                 | Power Consumption           | < 5 V @ 100 mA  |
|                              | Durability (Touch Lifetime) | 35 million  |
|                              | Output Rating               | Onboard DC/DC ATX type power supply 70 W  |
|                              | Input Voltage               | 24 VDC (Typical)  |
| Environmental Specifications | Output Voltage              | 5 V @ 12 A, 24 V @ 0.3 A  |
|                              | Adaptor                     | 100 VAC ~ 240 VAC to 19 V @ 3.79 A  |
|                              | Operating Temperature       | 0 ~ 45° C (32 ~ 113° F)   |
|                              | Relative Humidity           | 10 ~ 95% @ 40° C, non-condensing  |
|                              | Shock                       | 10 G peak acceleration (11 msec. duration)  |
| EMC                          | CE, FCC Class B             |   |
| Safety                       | UL, CE, CB                  |   |

## Dimensions

Unit: mm (inches)

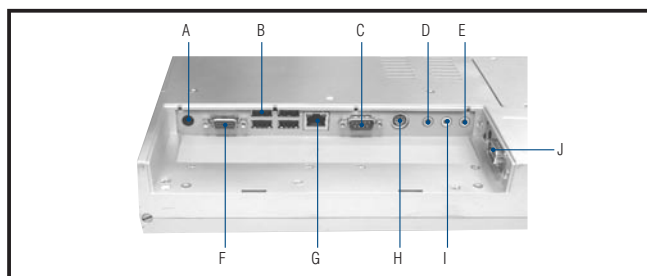


## Ordering Information

| Part No.           | Description   |
|--------------------|---|
| PPC-S154T-080-XE   | Bare BOM of PPC-S154T-080-XE equipped with built-in P4-M 1.7GHz Intel CPU, 256MB SDRAM and tempered glass |
| PPC-S154T-R80-XE   | Bare BOM of PPC-S154T-R80-XE  |
| PPC-S153 STAND     | Stand kit for PPC-S153T/S154T   |
| PPC-S15X STAND-BLK | Black stand kit for PPC-S153T/S154T   |
| PPC-S154 WL-MT     | Wall mount kit for PPC-S154T  |
| PPC-ARM-A03        | VESA standard ARM for PPC series  |
| 1700001524         | POWER CABLE 3P/3P POWER SUPPLY 1.8M FPM-306   |

\* P4-M 1.7 GHz CPU and 256 MB DDR are built-in

## Fully-Integrated I/O



- A. DC inlet
- B. USB ports
- C. COM1
- D. Mic-in jack
- E. Line-in jack

- F. VGA port
- G. Ethernet jack
- H. PS/2 port
- I. Line-out jack
- J. COM2

## Feature Details

### High-performance CPU and Display

The PPC-S154T's Socket 478 CPU board with 400 MHz front side bus. Integrated with a 3D display controller and 15" XGA and true color LCD, the PPC-S154T also demonstrates its excellent display performance.

### UltraSlim Profile

With dimensions of 375 x 299 x 49 mm, the PPC-S154T occupies much less space than previous panel computers. Thanks to its VESA compliant slim design, the PPC-S154T also provides flexible installations, such as wall mounting, hanging, swingarm mounting, or fixed on a desktop stand.

### Networking and Expansion Capability

Two serial ports, four USB 2.0 ports and a 10/100Base-T or Gigabit Ethernet controller enable advanced networking capabilities and provide the best solution for versatile applications. With a built-in Type III Mini PCI socket, the PPC-S154T can offer connections with Type III Mini PCI 56 K modem or second Ethernet or WLAN card to enhance the networking capability. With a built-in internal CompactFlash, Type II socket, the PPC-S154T can offer connections with CF type storage. And with a built-in Type III Mini PCI expansion slot, the PPC-S154T can expansively offer connections with Type III Mini PCI, 56 K modem, second Ethernet, or WLAN card to enhance networking capability.