

# PPC-158T

Stainless steel PC with 15" Color TFT LCD and Intel® Pentium® III or Intel® Celeron® processor

NEW



## Features

- 15" TFT XGA (1024 X 768) LCD
- System memory up to 1 GB SDRAM
- Easy maintenance stainless steel front bezel
- Easy front access brightness and volume controls
- Two built-in speakers extend voice functions for Kiosks, POS/POI, and advertising applications
- Removable built-in speakers for OEM
- Removeable OSD function for OEM

## Introduction

PPC-158T is an Intel Pentium III Socket 370 based panel PC, with stainless steel front bezel and metal rear cover. Various applications can be realized by designing with the stainless steel housing, its tough easy-clean properties are suitable for many industrial environments. There are also flexible mounting methods: panel, wall, swing arm and desktop stand accessories are available as optional accessories.

## Specifications

- **CPU** Supports Socket 370 based Intel Pentium III CPU, up to 1.26 GHz or Intel Celeron CPU up to 1.2 GHz
- **Disk Drive Housing** Room for one 2.5" HDD
- **Dimensions (W x H x D)** 393.8 x 310.5 x 92.4 mm (15.51" x 12.23" x 3.64")
- **Weight** 7.5 kg (16.6 lbs)
- **Front Panel Protection** IP 65/NEMA 4 compliant
- **HDD** IDE HDD interface (2.5" HDD bay)
- **CD-ROM Drive** Compact 24X or above
- **Combo Drive** Optional DVD/CD-RW 8D/24W/24E/24R or above
- **DVD+/-RW Drive** Optional 8X DVD+R/4X DVD-R/4X DVD+RW/4X DVD-RW/24X CD-R/10X CD-RW writing 8X DVD/24X CD read or above
- **Memory** Supports up to 1 GB SDRAM (168-pin)
- **Network (LAN)** 10/100Base-T Ethernet interface
- **I/O Ports**
  - 4 serial ports: RS-232 x 3, RS-232/422/485 x 1
  - 1 parallel port
  - 2 USB 2.0 ports
  - 2 PCMCIA Type II
  - 1 PS/2 mouse and keyboard interface
  - 2 built-in speakers (1.5 W/each)
  - Mic-in, Line-in, Line-out, and game port
- **Bus Expansion** One expansion slot for half-size PCI/ISA card

### Power Supply

#### AC Model

- **Output Rating** 80 W (max.)
- **Input Voltage** 100 ~ 240 V<sub>AC</sub>, auto-switching @ 50 ~ 60 Hz
- **Output Voltage** +5 V @ 12 A, +12 V @ 1 A

#### DC 24/48V Model

- **Output Rating** 74 watts
- **Input Voltage** 18 V<sub>DC</sub> ~ 56 V<sub>DC</sub>, typical 24 V<sub>DC</sub> @ 7A max, 48 V<sub>DC</sub> @ 4A max
- **Output Voltage** +5 V @ 10A, +12 V @ 1.5A

### DC 12V model (optional)

- **Output Rating** 80 watts
- **Input Voltage** 9 V<sub>DC</sub> ~ 18 V<sub>DC</sub>, typical 12 V<sub>DC</sub> @ 12A max
- **Output Voltage** +5 V @ 10A, +12 V @ 1.5A

### 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)
- **EMC** BSMI, VCCI, CE, FCC Class B
- **Safety** UL, CB, CE

### Touch screen (Optional)

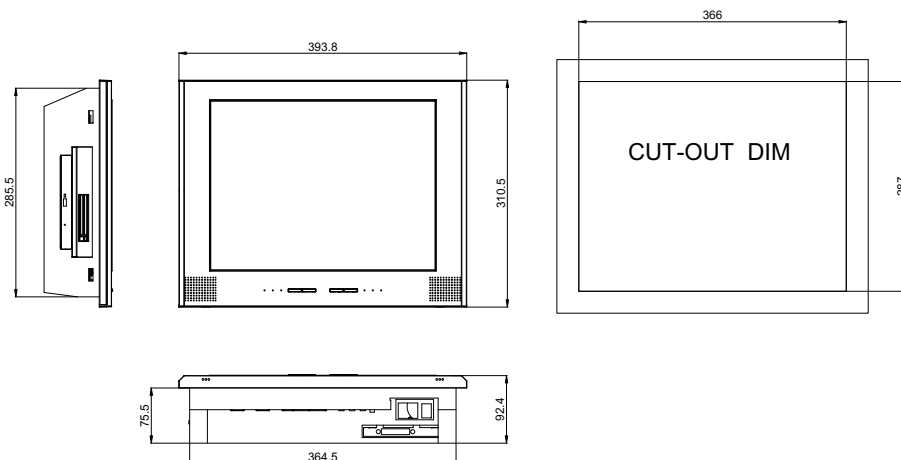
- **Types** Analog Resistive Capacitive Surface
- **Resolution** Continuous 1024 x 1024
- **Light Transmission** 75% 85%
- **Controller** RS-232 interface (uses COM4)
- **Power Consumption** +5 V @ 200 mA +5 V @ 100 mA
- **Software Driver** Supports both DOS and Windows
- **Durability** 30 million 20 million (Touches lifetime)

### LCD Display

- **Display Type** Color TFT LCD
- **Size (Diagonal)** 15"
- **Max. Resolution** 1024 x 768
- **Max. Colors** 262 k
- **Pixel Pitch (mm)** 0.297 x 0.297
- **Luminance (cd/m<sup>2</sup>)** 350
- **Contrast Ratio** 400:1
- **Viewing Angle** 60° (left), 60° (right), 40° (up), 60° (down)
- **Operating Temperature** 0 ~ 50° C
- **VR Controls** Brightness
- **Simultaneous Mode** Yes
- **LCD MTBF** 50,000 hrs.
- **Backlight MTBF** 50,000 hrs.

## Dimensions

Unit: mm (inch)



## Feature Details

You can reconfigure PPC-158T by OEM process. All available optional items are listed:

- CPU (Intel Pentium III or Intel Celeron) speed
- Memory size(168pins, 2 slots)
- 2.5" HDD
- Front bezel without speakers
- Logo painting
- With/without PCMCIA
- With/without CD-ROM/Combo/DVD+/-RW
- Others OEM/ODM components are also welcome

## Ordering Information

- **PPC-158T** **(Bare BOM: PPC-158T-CBAR)**  
Panel PC with 15" TFT LCD display (resolution: 1024 x 768)
- **PPC-158T-RT** **(Bare BOM: PPC-158T-BARE-T)**  
PPC-158T with resistive touchscreen
- **PPC-158T-CT** **(Bare BOM: PPC-158T-BARE-C)**  
PPC-158T with capacitive touchscreen
- **PPC-158T-DC** **(Bare BOM: PPC-158DC-BARE)**  
PPC-158T with DC power supply (74W 24/48V are standard; 12V is optional)
- **PPC-158T-DC-RT** **(Bare BOM: PPC-158DC-BARE-T)**  
PPC-158T-DC with resistive touchscreen (74W 24 /48V are standard; 12V is optional)
- **PPC-120 STAND**  
Stand kit for PPC-158/154/153/150/123/120 series
- **PPC-150 SWINGARM**  
Swing arm kit for PPC-158/154/153/150 series
- **PPC-120 WL-MT**  
Wall mount kit for PPC-158/154/153/150/123/120 series
- **PPC-ARM-A02**  
VESA standard ARM for PPC-123/153/158 series