

PPC-158T

Stainless Steel PC with 15" Color TFT LCD and Intel® Pentium® III or Intel® Celeron® Processor



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 developed 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_{AC}, 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_{DC} ~ 56 V_{DC}, typical 24 V_{DC} @ 7A max, 48 V_{DC} @ 4A max
- **Output Voltage** +5 V @ 10A, +12 V @ 1.5A

DC 12V model (optional)

- **Output Rating** 80 watts
- **Input Voltage** 9 V_{DC} ~ 18 V_{DC}, typical 12 V_{DC} @ 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

Touchscreen (Optional)

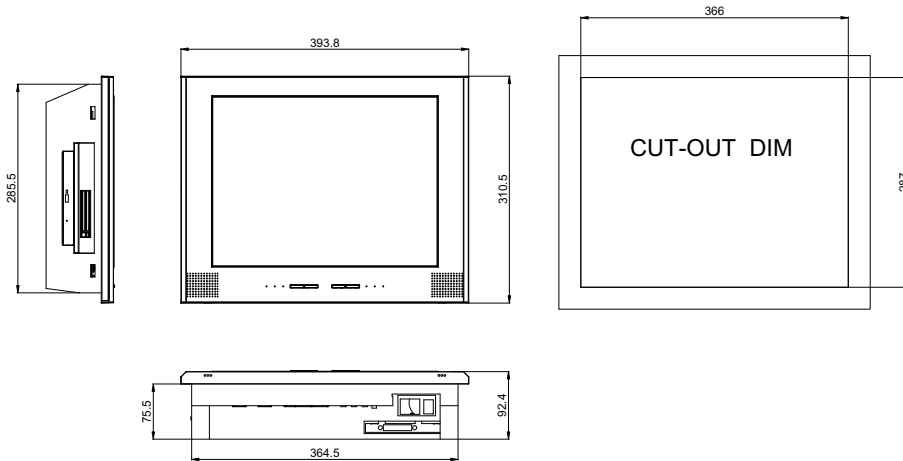
Types	Analog Resistive	Capacitive Surface
Resolution	Continuous	1024 x 1024
Light Transmission	75%	85%
Controller	RS-232 interface (uses COM4)	
Power Consumption	+5 V @ 200 mA	+5 V @ 100 mA
Software Driver	Supports both DOS and Windows	
Durability	35 million	225 million (Touches lifetime)

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/m2)** 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
- **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 (168 pins, 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-RT** (Bare BOM: PPC-158T-BARE-T)
PPC-158T with resistive touchscreen
 - **PPC-120 STAND** Stand kit for PPC-158/154/153/150/123/120 series
 - **PPC-150 SWINARM** 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
- * capacitive touchscreen can be ordered via OEM process