

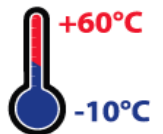


### Description:

The PPC-080T resistive touchscreen computer is unique and successful for a reason. The PPC-080T is fanless and silent operation from lack of moving parts and all aluminum design. We have been able to offer reliable and industrial grade touchscreen solution that functions as a standard pc system.

### Features

- 5-wire resistive touch panel display
- fay-002 industrial mainboard with Intel DualCore Celeron N2807 CPU
- Intel HD Graphics
- 2GB RAM (expandable to 4GB)
- 64GB industrial SSD
- Supports Win7, Win8, Win10, & Linux. in both 32Bit & 64Bit
- Consumer and industrial interfaces i.e. Display port, Serial, USB 2.0, USB 3.0, eSATA, Ethernet (2x Gbit Lan)
- High-quality black aluminum housing
- Pre-installed actual Linux Ubuntu OS
- Wi-Fi (Intel 533AN) integrated
- Audio amplifier with 2x2W speakers
- VESA 100 bracket for mounting



### Product Details

Product name: PPC-08T

Product Description: 8" Resistive Touchscreen PC

## **PC System**

CPU: Intel® Celeron® DualCore N2807

Chipset: Intel® E3800

Graphic GPU: Intel® HD Graphics

Audio: Realtek 887 8 -channel high definition audio codec, Audio Amplifier EUA 2012A

Memory: 1x 2GB DDR3L SODIMM (expandable to 4GB)

Storage: Industrial 64GB SSD (SATA-DOM)

W-LAN: 2x Realtek PCIe GB LAN 8111G

Driver Support: Win7/8/10; Linux; 32Bit/64Bit

Preinstalled OS: Linux Ubuntu

## **LCD Panel**

IP Rated Front Panel: IP40

Screen diagonal (Inch/cm): 8/20.32

Display active screen size: 16.20 x 12.20

Aspect ratio: 4:3

Physical resolution: 1024 x 768

Maximum showable resolution (TPCs: external): 1920x—1200

Colors displayed: 16.7M

Brightness (cd/m<sup>2</sup>): 250

Contrast: 700:1

Typical reaction time Tr/ Tf (ms): 6/14

Visual Angle horizontal/vertical (°): 150/150

Backlight / Backlight Lifetime (hours): LED / 20,000

## **Touch Panel**

Touch Technology: 5-Wire Resistive

Touch Connector: USB & Serial

Touch Panel Drivers: Windows; Linux; Mac; Android

Touch Life (Contacts): 10 million touch in 1 location

Surface Hardness: 3H

## Operation / Mechanical

Operating Temperature (°C): -10 ~ +60

Humidity Range (RH): 20%-90%

Net weight (kg): 2.15

Gross weight (kg): 2.65 (incl. cartilage)

Housing material: Aluminum

Housing (cm) LxWxH: 21.60 x 18.30 x 5.70

Mounting: VESA 100

## Power

Power Indicator: Green LED

Power Supply: 100-240V ACDC active switching; 12V DC-Out

Working Power (V): 12

Power Consumption (W): 16

Stand-By Consumption (W): <0.5



## **Internal Connectors**

- 1x SO-DIMM Slot, max. 4GB, DDR3L-1333 Single channel memory
- 1x 12V DC power connector (2-pin)
- 1x 4-pin SATA power connector; 2x S-ATA 3GB/s ports
- 1x VGA pin header
- 1x SIM-card-Header (connected to MiniPCIe)
- 1x LVDS connector
- 1x S/PDIF output pin header
- 1x 5-pin LCD power connector
- 1x Line-Out / Mic-In audio pin header
- 1x 4-pin (2x2W) audio amplifier connector
- 1x PS/2 keyboard/mouse connector (6-pin)
- 1x USB 2.0 header supports additional 4x USB 2.0 ports
- 2x RS232 connectors
- 1x 8-bit Digital I/O interface
- 1x Chassis Fan connector

## **External Connectors**

- 1x Display port
- 1x USB 3.0, 3x USB 2.0 ports
- 2x COM port Full-PIN (RS232; 5V/12V)
- 2x 10/100/1000Mbit RJ45 Ports
- 1x MIC-In and Headphone-Out
- 1x 12V DC-In (screwable)
- 1x On/Off-button
- 2x W-LAN connector

## **Expansion Slots**

- 2x Mini Card slots with PCIe and USB interface (2 x Full Height/Half height changeable)

## **Included Accessories**

- Power Supply (see Power section)
- Driver DVD (Optional, FTP download provided by default)
- Wifi Antenna
- Stylus