10.1" INDUSTRIAL PANEL PC | PPC-6610



FEATURES

- Intel Atom x5-Z8350 Cherry Trail Processor
- Ethernet Port Support 802.3at PoE+ Option and On-board WiFi/BT
- 10.1" LCD Panel with Projected Capacitive Touch Screen
- RS232/RS485 and Customizable I/O for Communication
- Support Windows 10 and Ubuntu Linux

The PPC-6610 is a 10" all-in-one tablet style industrial Panel PC with 1920 x 1200 touch screen. The system equips with high performance Intel Atom x5-Z8350 processor. The system has built-in WiFi and an Ethernet port that support 802.3at PoE+ Power over Ethernet with optional module support make it perfect for industrial control, HMI, digital signage, building automation, vending machines and interactive IoT applications.

SPECIFICATIONS

RUGGEDNESS

Protection	Front Panel IP65 Compliant

SYSTEM

Processor	Intel Atom x5-Z8350 Processor (2MB Cache, Up to 1.84GHz)
Platform	Intel Cherry Trail
Memory	2GB DDR3 1600MHz (Memory Down)
Storage	On-board NAND Flash (32GB Default)
OS	Support Windows 10, Ubuntu Linux

DISPLAY

Screen Size	10.1" TFT Active Matrix LED Backlight
Resolution	1920 x 1200, Optional: 1280 x 800
Brightness	400 nits
View Angle	85° (Left), 85° (Right), 85° (Top), 85° (Bottom)
Contrast Ratio	1300 : 1
Backlight Lifetime	25,000 Hr (Typical)
Touch Type	Projected Capacitive Touch Screen
Touch Controller	I²C
Display Interface	Micro HDMI, LVDS, eDP or MIPI DSI

COMMUNICATIONS

Ethernet	1 x 10/100/1000 Mbps RTL8111F GbE with 802.3at PoE+ Support
Wi-Fi	On-board WiFi Module with Internal Antenna Connector Option

POWER

Input Voltage	12/19V DC (Typical 12V) or PoE (with Optional Module)

I/O INTERFACE

Audio	Optional, Up to 2 x 1W Speaker
Watchdog Timer	Built-in
Camera	Optional: MIPI CSI Up to 5MP
I/O Ports	1 x RS232/RS485 Via Terminal Block 2 x USB 2.0 Host 1 x USB 3.0 2 x GPIO Via Terminal Block

MECHANICAL

Enclosure Material	Plastics Bezel, Metal Enclosure
Enclosure Color	Black
Dimensions	274 x 178 x 35mm (10.8" x 7" x 1.3")
Mounting Option	Wall Mount, Panel Mount or 75 x 75mm VESA Mount
Cooling	Fanless

ENVIRONMENTAL

Temperature:	
- Operation	0°C to 50°C (32°F to 122°F)
- Storage	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 95% @ 40°C Non-condensing

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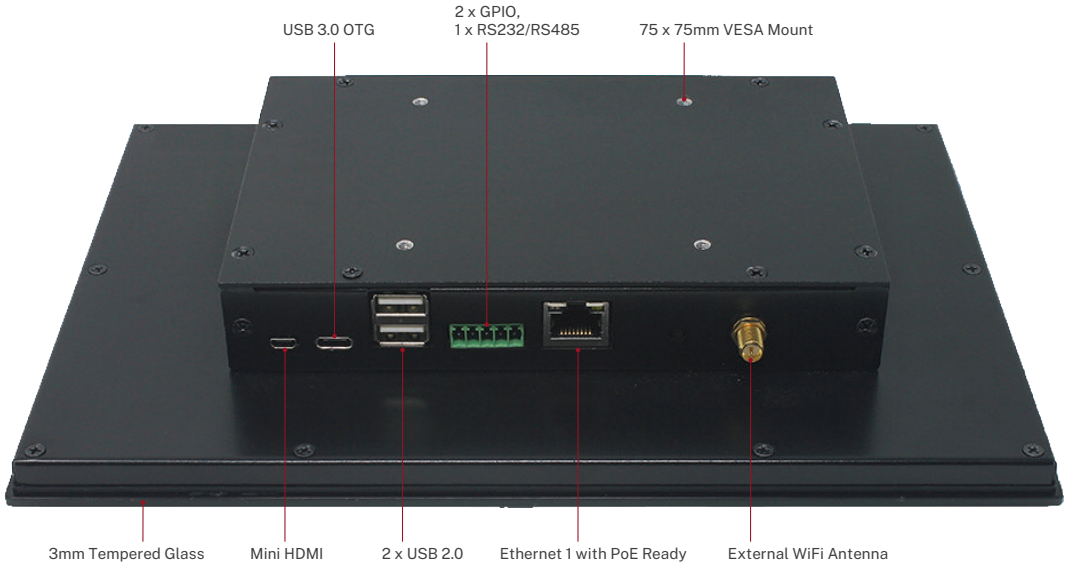
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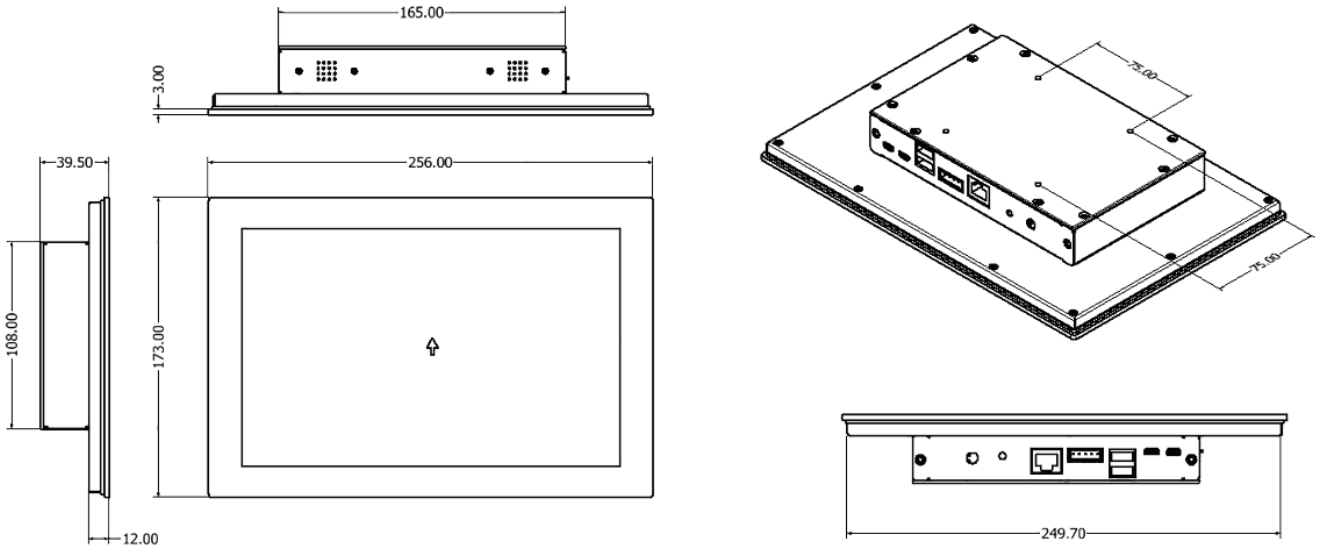
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SYSTEM LAYOUT



PRODUCT DIMENSIONS

Unit: mm



ORDER INFORMATION

Part No.	Description
PPC-6610-E23	10.1" Panel PC / HMI with Z8350 Processor, 2GB RAM, 32GB eMMC, 12V Power Input
PPC-6610-E46	10.1" Panel PC / HMI with Z8350 Processor, 4GB RAM, 64GB eMMC, 12V Power Input

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