



FEATURES

- 10.1" LCD Panel With Projected Capacitive Touchscreen
- Intel Atom x5-Z8350 Cherry Trail Processor
- Ethernet Port With 802.3af PoE Option & On-board Wi-Fi/BT
- Windows 10 Or Linux
- RS-232/485 & Customizable I/O For Communication

The PPC-6610 is a 10.1" all-in-one tablet style industrial panel PC with a 1920 x 1200 touch screen. The system is equipped with a high-performance Intel Atom x5-Z8350 processor. It comes with built-in Wi-Fi and an Ethernet port with an optional 802.3af PoE (Power over Ethernet) module, making it perfect for industrial control, HMI, digital signage, building automation, vending machines, and interactive IoT applications.

SPECIFICATIONS

SYSTEM

Processor	Intel Atom x5-Z8350 Processor (2M Cache, up to 1.84 GHz)
Platform	Intel Cherry Trail
Memory	4GB DDR3 1600MHz
OS	Windows 10, Linux
Storage	On-board iNAND Flash 64GB

DISPLAY

Interface	LVDS Micro HDMI eDP MIPI DSI
Display Type	TFT Active Matrix LED Backlight
Screen Size	10.1"
Resolution	1920 x 1080
Luminance	400 cd/m2
View Angle	85°
Contrast Ratio	1300:1
Backlight Lifetime	25,000 Hr (Typical)
Touch Screen	Projected Capacitive Touch Screen
Touch Controller	I ² C

COMMUNICATIONS

Ethernet	1 x 10/100/1000 Mbps RTL8111F GbE
Wi-Fi	On-Board Wi-Fi Module Internal Antenna Connector

I/O INTERFACE

Audio (Option)	Up to 2x 10W Speakers
Camera (Option)	MIPI CSI up to 5MP
Ports	1 x RS-232/485 via Terminal Block 2x USB 2.0 1x USB 3.0 2x GPIO via Terminal Block

MECHANICAL

Cooling	Fanless
Watchdog Timer	Built-in
Enclosure Material	Plastic and Metal
Enclosure Color	Black
Mounting	Wall Mount Panel Mount 75 x 75 mm VESA Mount
Dimensions	274mm x 178mm x 32mm (10.8" x 7" x 1.26")

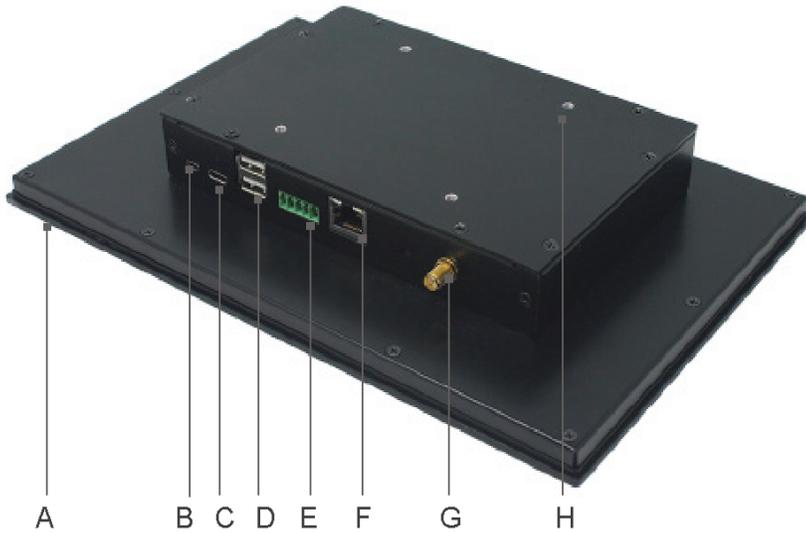
POWER

Input Voltage	12/19V DC (Typical 12V)
(Option)	802.3af PoE (with Module)

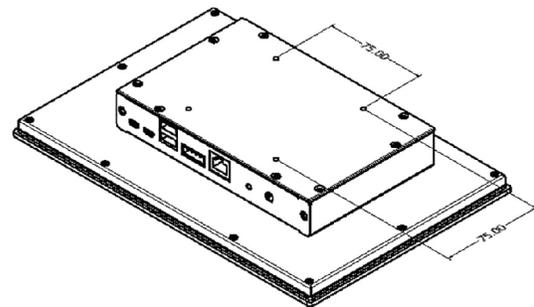
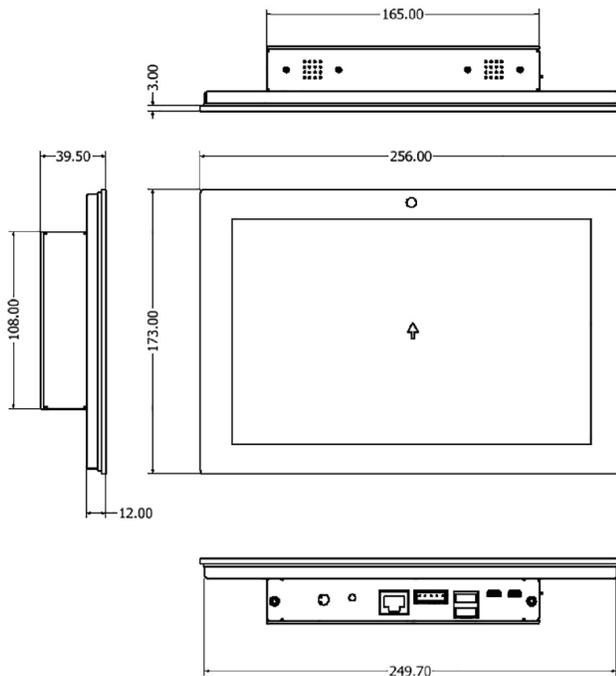
ENVIRONMENTAL

Protection	Front Panel IP65
Operating Temp	0°C to 50°C (32°F to 122°F)
Storage Temp	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 95% @ 40°C (Non-Condensing)

*Specifications are representative. Specific product technology may be different than indicated.



- A. 3mm Tempered Glass
- B. Mini-HDMI
- C. USB 3.0 OTG
- D. 2x USB 2.0
- E. 2 x GPIO, 1x RS-232/485
- F. Ethernet 1 with POE ready
- G. External WiFi Antenna
- H. 75 x 75mm VESA Mount



ORDER OPTIONS

PART NUMBER	DESCRIPTION
PPC-6610-E23	10.1" Panel PC / HMI with Z8350 Processor, 2G RAM, 32G eMMC, 12V/19 power input
PPC-6610-E46	10.1" Panel PC / HMI with Z8350 Processor, 4G RAM, 64G eMMC, 12V/19 power input