



FEATURES

- 7" 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, Android Or Linux
- RS-232/485 & Customizable I/O For Communication
- Dual Color GPIO Controllable LED Light-bar Options
- NFC, Camera, Customizable Touch Buttons & Light Sensor Options

The PPC-6607 is a 7" all-in-one tablet style industrial panel PC with 1024 x 600 touchscreen. The system is equipped with a high performance Intel Atom x5-Z8350 processor. The system has built-in Wi-Fi and an Ethernet port with an optional 802.3af POE Power over Ethernet module makes 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	2GB DDR3 1600MHz Option: 2GB or 4G DDR3 1600MHz
OS	Windows 10, Android, Linux
Storage	On-board iNAND Flash 32GB Option: On-board iNAND Flash 64GB

DISPLAY

Interface	LVDS Micro HDMI eDP MIPI DSI
Display Type	TFT Active Matrix LED Backlight
Screen Size	7"
Resolution	1024 x 600
Luminance	400 cd/m ²
View Angle	75°
Contrast Ratio	800:1
Backlight Lifetime	15,000 Hr (Typical)
Touch Screen	Projected Capacitive Touch Screen
Touch Controller	IC

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	1x 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
Dimensions	75 x 75 mm VESA Mount 190mm x 125mm x 35mm (7.5" x 4.9" x 1.37")

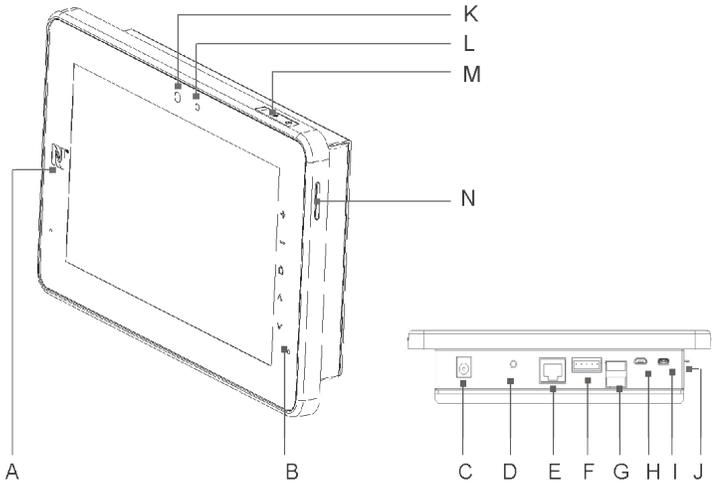
POWER

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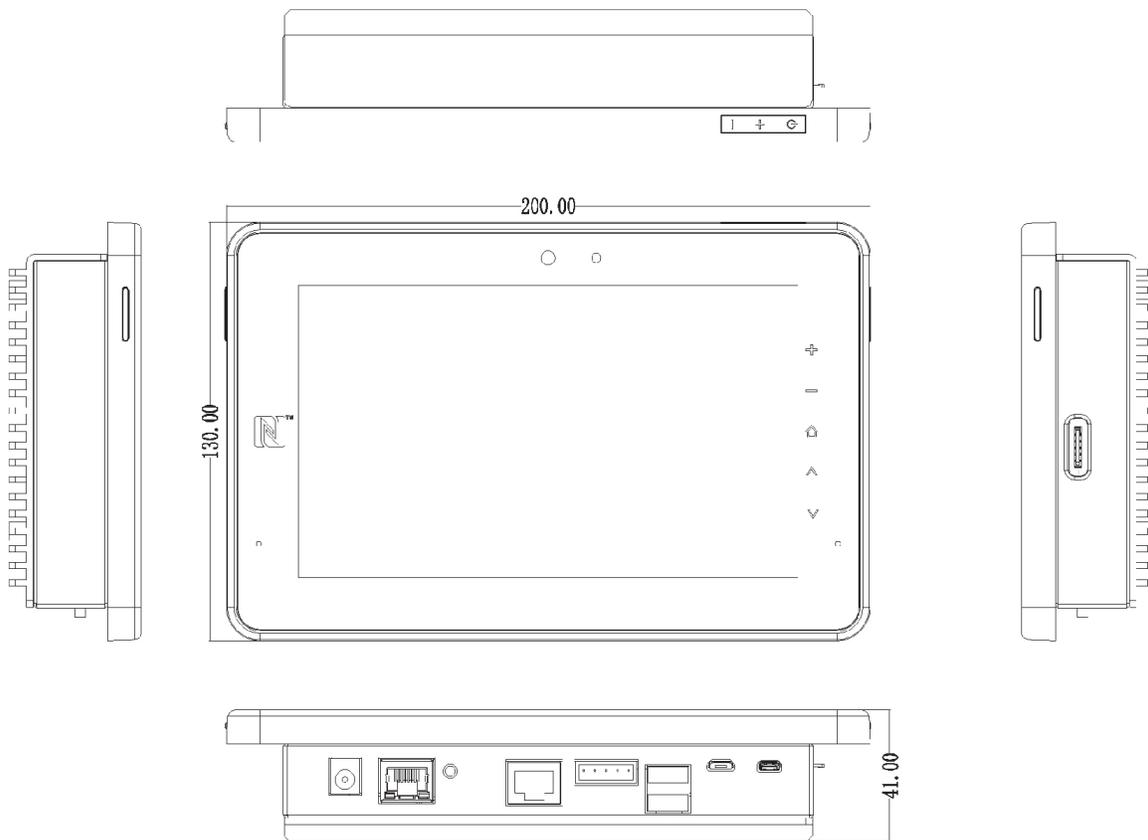
ENVIRONMENTAL

Protection	Front Panel IP-65
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. NFC Option
- B. Touch Button Option
- C. 12V DC In
- D. Reset/Recover Button
- E. 1x GbE
- F. 1x RS-232/485/CAN
2x GPIO
- G. 2x USB
- H. OTG
- I. Micro HDMI
- J. Micro SD
- K. Camera Option
- L. Light Sensor Option
- M. Power Button
- N. GPIO Light Bar Option



ORDER OPTIONS

PART NUMBER	DESCRIPTION
PPC-6607-S23	7" Panel PC / HMI with Z8350 Processor, 2G RAM, 32G eMMC, 12V power input
PPC-6607-P23	7" Panel PC / HMI with Z8350 Processor, 2G RAM, 32G eMMC, POE power input
PPC-6607-S46	7" Panel PC / HMI with Z8350 Processor, 4G RAM, 64G eMMC, 12V power input
PPC-6607-P46	7" Panel PC / HMI with Z8350 Processor, 4G RAM, 64G eMMC, POE power input