

# PPC-BU10A



## 特性

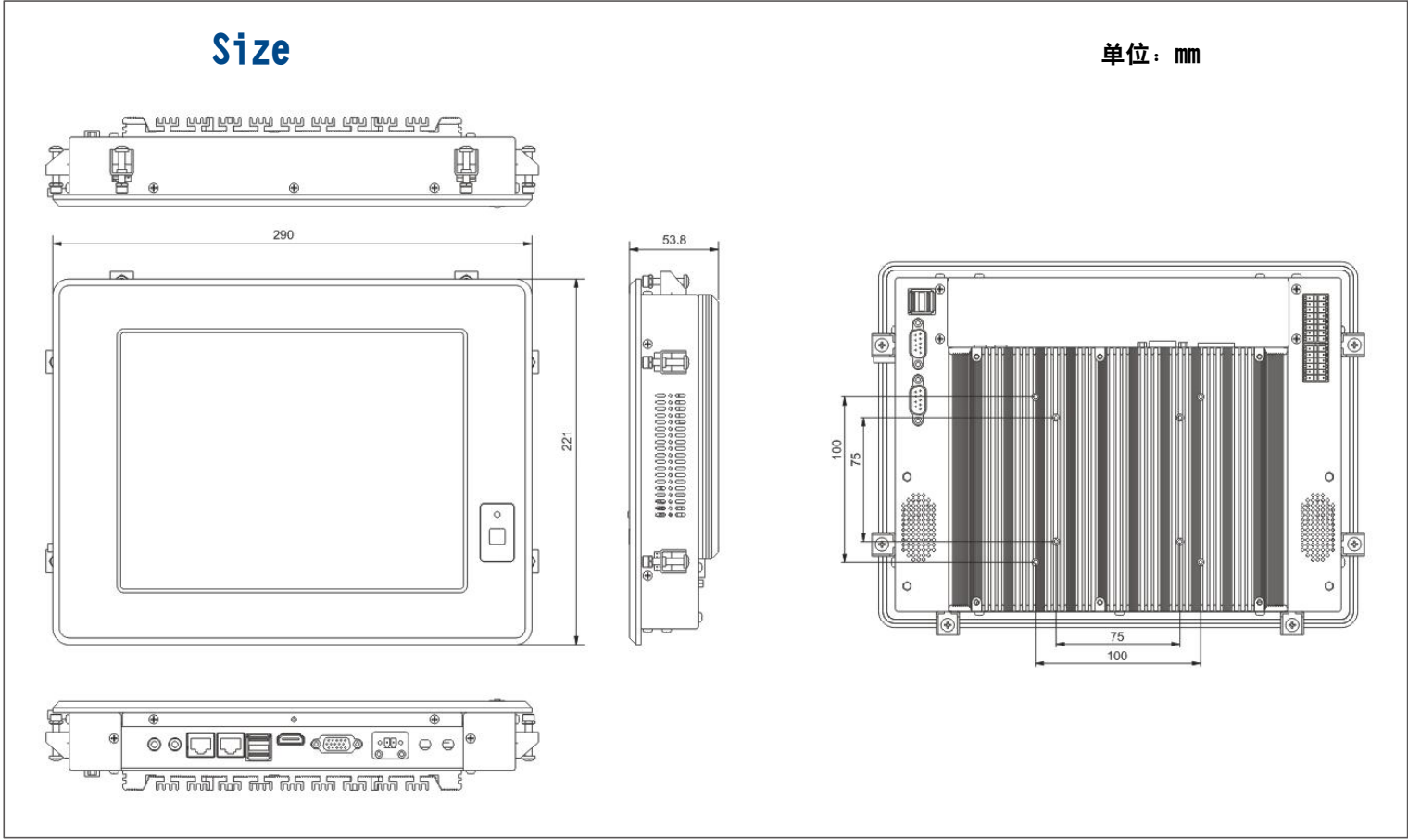
- ◆ Onboard Intel Core Broadwell-U i3/i5/i7 CPU
- ◆ 10inch TFT LED display and 4 wires resistive Touch panel
- ◆ Front panel protection Rating: IP65
- ◆ Support SATA and Mini SATA
- ◆ Support 3G/WIFI by mPCIe
- ◆ Reserve 2 Group Phoenix Connector for custom function
- ◆ DC12V5A power supply
- ◆ Using fanless design

## Specification

PPC-BU10A is a high quality 10 inch ultra-thin LCD industrial Panel PC, powered by Intel Broadwell i3/i5/i7 processor, compact fanless embedded system provides high-performance computing. With high durability design of front panel IP65 degree of protection, sturdy aluminium casing, 5 wires resistive touch screen, supports 2 serial ports, 2 USB ports and 2 Gigabit Ethernet ports to meet a variety of industrial applications.

## DATASHEET

PROCESSOR	CPU	Onboard Intel Core Broadwell-U i3/i5/i7 Processor
	RAM	Onboard 2GB/4GB DDR3 1066/1333/1600MHz, 1 RAM slot to expand 12GB DDR3 RAM max.
	STORAGE	Onboard SSD16/32/64/128G (optional) SATA and MSATA, HDD or SSD (optional)
	NETWORK	2*RTL8111E RJ45 1000M LAN
	I/O INTERFACE	5*RS-232, 1*RS422/485, 2*DB9 RS-232 3* 3pin RS-232 2*USB2.0, 2*USB3.0, 1*14BIT GPIO Connector, 1*LINE OUT 1*MIC, 2*Wifi Antenna port 1*POWER ON/OFF switch 1*VGA Maximum resolution 2048x1536 1*HDMI Maximum 3200*2000@60HZ
	EXPANSION BUS	1* full size Mini PCIE slot
	WATCHDOG	0-255 second, Sample code optional
Physical characteristics	Size(mm)	290*221*53.8mm
	Weight(kgs)	2.43kg
O/S SUPPORT	Operation System	Support Windows 7/Windows8/Windows8.1/Windows10/Linux/Android
POWER SUPPLY	INPUT	Single input DC12V 5A +/-5%
	Power Consumption	35W
	Battery Module	Module for management of lithium-ion batteries + battery indicator (optional)
LED DISPLAY	DISPLAY TYPE	10inch TFT LED
	Maximun Resolutions	800*600
	View	80 (LEFT), 80 (RIGHT), 70 (UP), 70 (DOWN)
	Lumens (cd/m <sup>2</sup> )	350cd/m <sup>2</sup>
	Contrast	400:1
	Backlight Life	30,000 hrs (Min.)
TOUCH PANEL	TYPE	4 Wires Resistive touch panel
	Light Transmittance	≥85%
	Controller Interface	USB port
	Durability(Touch Times)	>3500 million times
ENVIRONMENT	Working Temperature	-20℃ ~ +60℃
	Storage Temperature	-40℃ ~ +85℃
	Relative humidity	0% ~ 90%Relative humidity, none condensation
	EMC	CE, FCC Class B, BSMI
	CERTIFICATE	CB, CCC, BSMI, UL



Ordering Information		Panel I/O
Model	Specifications	<p>The diagram shows the panel I/O ports of the device, including: WIFI, DC-12, VGA, HDMI, USB, 2xLAN, MIC, and AUDIO. The ports are arranged in a row on the front panel, with labels indicating their functions.</p>
PPC-HU10A	With HU803 mainboard (I3-4010U/I5-4200U/I7-4500U)	
PPC-BT10A	With BT203 mainboard (J1900/J1800/N2900/N2806)	
PPC-BU10A	With BU90Z3A mainboard (I3-5010U/I5-5200U/I7-5500U)	

