

PPC-BU15A



Features:

- ◆ Onboard Intel Core Broadwell-U i3/i5/i7 CPU
- ◆ 15inch TFT LED display and 5 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

SPECIFICATIONS

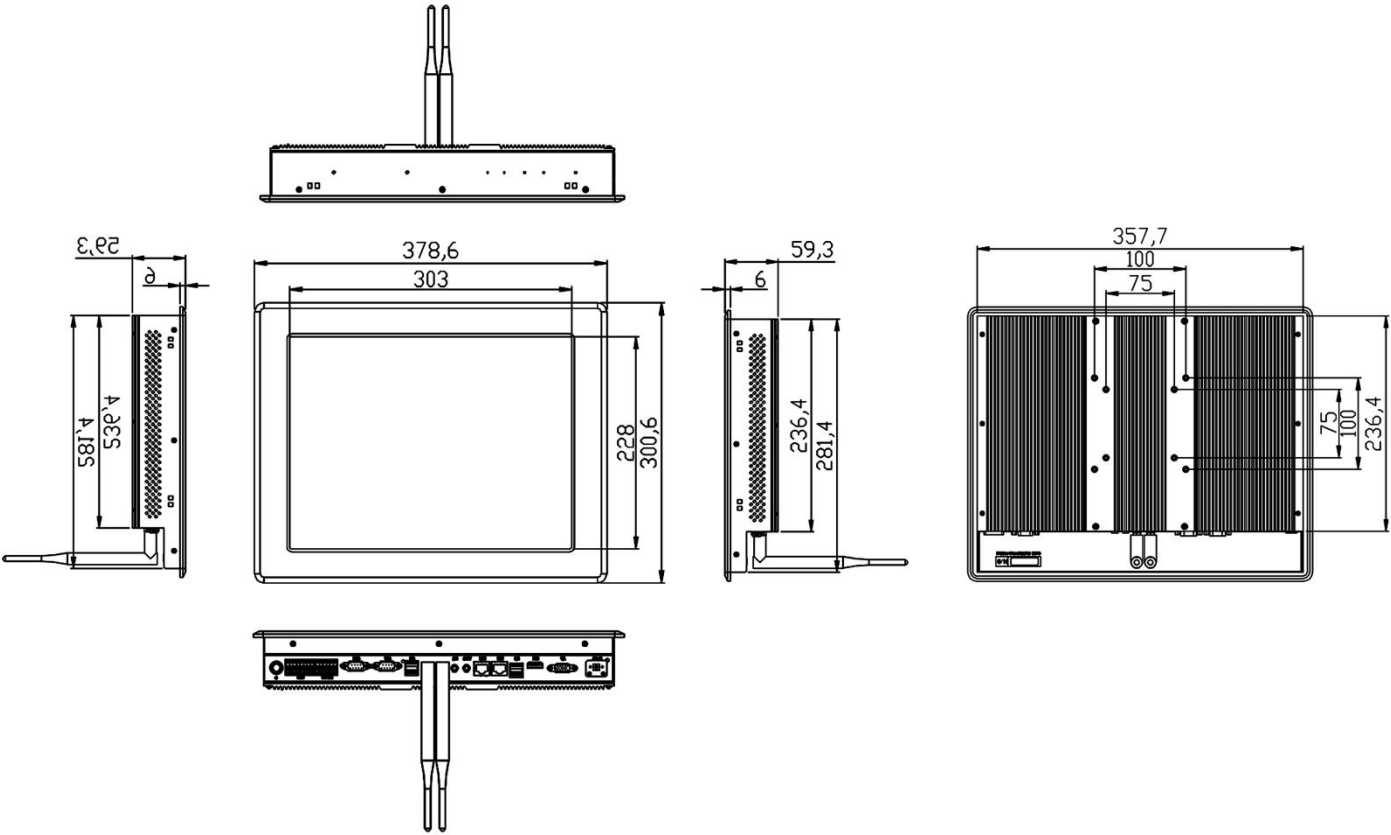
PPC-BU15A is a high quality 15 inch ultra-thin LCD industrial Panel PC, powered by Intel Broadwell i3/i5/i7 processor, compact fanless embedded system provides high-performance computing. With high durability design of front panel IP65 degree of protection, sturdy aluminium casing, 5 wires resistive 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 SSD 16/32/64/128G (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)	378.6*300.6*59.3
	Weight(kgs)	5kg
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	15inch TFT LED
	Maximun Resolutions	1024*768
	View	80 (LEFT), 80 (RIGHT), 70 (UP), 70 (DOWN)
	Lumens (cd/m ²)	350cd/m ²
	Contrast	400:1
	Backlight Life	30,000 hrs (Min.)
TOUCH PANEL	TYPE	5 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
	Front panel protection	IP65

SIZE

Unit : mm



Ordering Information		Panel I/O
Model	Specifications	<p>2PIN 绿色供电端口 VGA HDMI USB LAN MIC AUDIO WIFI USB COM 2组 14PIN 凤凰端子 (客户定制功能使用) POWER</p>
PPC-HU15A	With HU803 mainboard (I3-4010U/I5-4200U/I7-4500U)	
PPC-BT15A	With BT203 mainboard (J1900/J1800/N2900/N2806)	
PPC-BU15A	With BU90Z3A mainboard (I3-5010U/I5-5200U/I7-5500U)	