

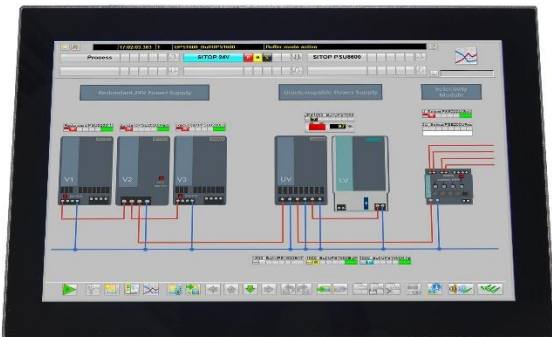
## PPC I-Series: 10.1"- 31.5"









### INDUSTRIAL PANEL PC 15,6"

12. Intel Gen.

#### Product Features

- 15" – 23,8" LED Touch up to 1500 cd/m2
- Intel Core i3-1215U / i5-1235U / i7-1255U
- 4 - 64GB DDR5 RAM
- 3x LAN, 2x COM-Port RS232/422/485 (selectable)
- 8KV Static Electricity & 600W TVS Surge Protection
- wide range input voltage: DC 9V~36V
- extended operating temperature: -20°C ~ 70°C
- IP66 compliant Front Panel
- stable aluminum housing (fanless)



			
IP66 Protection	TPM 2.0	-20°C~70°C	7/24 Working
			
OVP / OCP / RPP	Anti-static 8KV~15KV	Wide Voltage 9V-36V	Low Power Consumption

#### other available display sizes

Display Size	Resolution	Format	Brightness (cd/m2)
* 10.1"	1280x800	16:10	400
* 10.4"	800x600 (optional 1024x768)	4:3	350
* 12.1"	800x600 (optional 1024x768)	4:3	500
* 12.1"	1280x800	16:10	400
* 13.3"	1920x1080	16:9	400
15"	1024x768	4:3	350
15.6"	1920x1080	16:9	450
17"	1280x1024	5:4	400
17.3"	1920x1080	16:9	400
19"	1280x1024	5:4	450
21.5"	1920x1080	16:9	400
23.8"	1920x1080	16:9	350
* 31.5"	1920x1080	16:9	300

\*Only with 8. & 10. Intel Gen. CPU



## Power & Environment (PPCI-156)

<b>Operating Temperature</b>	-20~70°C	<b>Material</b>	High-strength Aluminium-alloy
<b>Storage Temperature</b>	-20~80°C	<b>Color</b>	Gray
<b>Relative Humidity</b>	5%~95% at 40°C, non-condensing	<b>VESA Mounting</b>	VESA: 100 x 100 mm
<b>Vibration Range</b>	5-500 Hz, 0.026 G2/Hz, 2.16 Grms X, Y, Z, 1 hour per axis	<b>Waterproof Rate</b>	IP66 compliant Front Panel
<b>External Power Supply</b>	AC 100 - 240V~50/60Hz,1.5A	<b>Product Dimension</b>	400 x 250 x 62 mm, 5kg
<b>Working Voltage</b>	DC IN 9V~36V	<b>Cut-out Size</b>	386 x 236 mm
<b>Power Consumption</b>	≤30W	<b>Packing Size</b>	460 x 180 x 400 mm

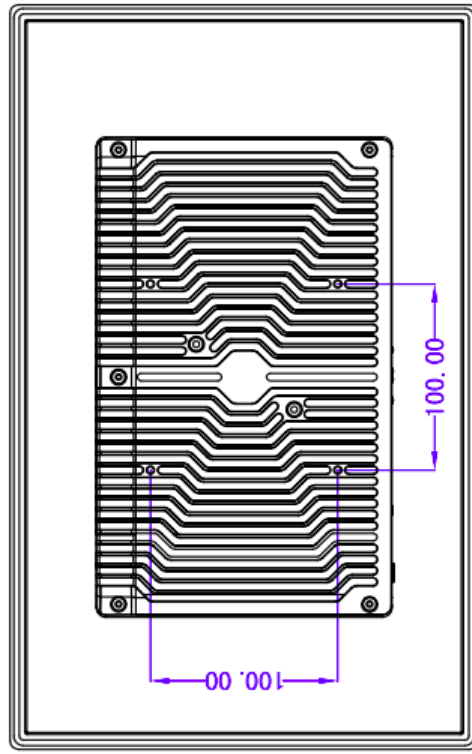
## LCD Panel: (PPCI-156)

<b>Panel Size</b>	15.6" LED	<b>Touch Screen Type</b>	Multi-Touch PCAP resistive touch
<b>Resolution</b>	1920 x 1080	<b>Transmittance</b>	>90%
<b>Aspect Ratio</b>	16:9	<b>Response Time</b>	<5ms
<b>Display Brightness</b>	450 cd/m2 / optional: 1000, 1500 cd/m2	<b>Surface Hardness</b>	≥7H
<b>Contrast Ratio</b>	1000:1	<b>Touch Life</b>	≥ 3000W
<b>Viewing Angle</b>	89 / 89 / 89 / 89 (CR≥10) ( L / R / U / D )		

## System (10.1" – 31.5") I/O

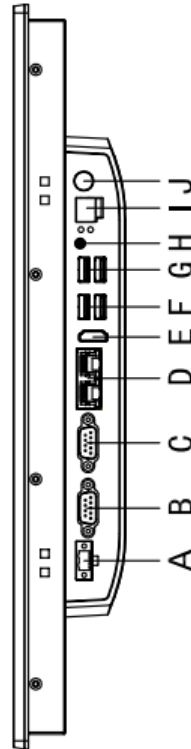
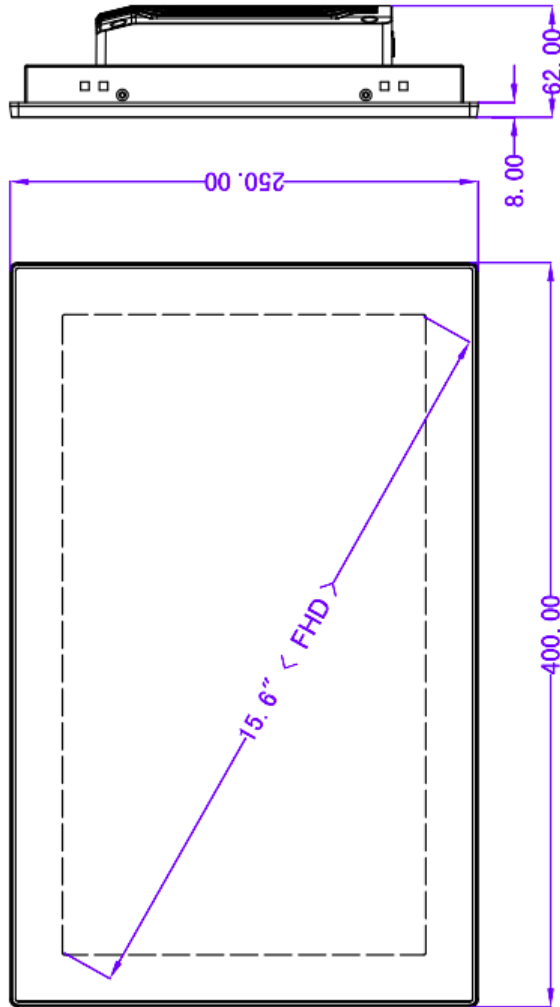
<b>CPU</b>	Intel i3, 1235U, 3,3-4,4 GHz, 6-Core Intel i5, 1235U, 3,3-4,4 GHz, 10-Core Intel i7, 1255U, 3,5-4,7 GHz, 10-Core	<b>HDMI</b>	1x
<b>OS System</b>	Windows 10 /11, Linux, Unix, QNX	<b>LAN</b>	3x
<b>RAM</b>	4 / 8 / 16 / 32 / 64 GB DDR5, 4800Mhz	<b>USB</b>	3 x USB2.0 / 1 x USB3.0
<b>Storage</b>	64 / 128 / 240 / 480 GB / 1 TB / 2 TB	<b>COM (selectable)</b>	2 x RS-232 or 422 or 485
<b>Graphics</b>	Intel® Iris® Xe Graphic	<b>Wireless Network</b>	4G / WiFi / Bluetooth (Optional) Intel 8265AC
<b>Network</b>	Intel® I211-AT GbE LAN	<b>Other I/O Interface</b>	GPIO (on board)
<b>Audio</b>	Realtek ACL662 Audio controller	<b>SIM-Card-Slot</b>	1x
<b>TPM</b>	TPM 2.0		
<b>Power</b>	AC 230V – DC 12V 5A, 60W		

## Dimensions (15,6")



### I / O Definition:

- A. DC 9V~36V
- B. COM1:RS-232 / 422 / 485
- C. COM2:RS-232 / 422 / 485
- D. 2 x LAN
- E. H-DMI
- F. 1 x USB 3.0 / 1 x USB 2.0
- G. 2 x USB 3.0
- H. Audio
- I. Extension Switch
- J. Power Button



**Panel Cutout Dimensions: 386 x 236 mm (15.20 x 9.29 in )**