

# CEX – 12.1” Industrial Panel PC’s

IPPC-P120-J1900



## • Features

- 12.1” industrial panel pc with Intel Celeron Quad core 1.83Ghz
- 12.1” TFT LED 5 wires resistive touch screen, with 1024 x 768 resolution
- 2\*LAN port, 2\* RS232 (COM5/COM6 RS485 for optional)
- W/ Front meets IP65 rate
- SSD 32GB, Memory DDRIII 4GB, (optional)
- Al-frame front panel+metal case with fanless design.
- WIFI / 3G / Speaker (optional)
- W/ 12V power input (9-36V DC input optional)
- Support Win 7 / Win 8 / Win 10 / Unix / Linux etc.
- Support Embedded and VESA installation etc.

## Specifications

System	
<b>CPU</b>	Onboard Intel Celeron N2930 1.8.0Ghz, Quad thread
<b>Chipset</b>	Intel Bay trail
<b>Memory</b>	DDRIII 4GB
<b>HDD</b>	1*serial ATA2.0 +1 *Msata port
<b>Display</b>	Supports HDMI/VGA
<b>Watchdog</b>	1~255 Second programmable
Display	
<b>Display Type</b>	12.1" high brightness LCD screen
<b>Resolution</b>	1024 x 768
<b>Brightness</b>	400cd/m <sup>2</sup>
<b>Life time</b>	LED backlight, 30,000 hrs
<b>Active Area</b>	245.76(H) x 184.32(V)
Touch Screen	
<b>Touch type</b>	5 wires resistive touch screen
<b>Resolution</b>	4096 x 4096
<b>Life time</b>	50,000hrs
<b>Transparent rate</b>	81%+
IO Interface	
<b>I/O</b>	<ul style="list-style-type: none"> <li>• 2x 100/1000Mbps Ethernet controller</li> <li>• 4x RS232</li> <li>• 4x USB2.0</li> <li>• 1x Line out</li> <li>• 1x VGA</li> <li>• 1x HDMI</li> <li>• 1x DC 12V power input (support 9V ~36V power input)</li> </ul>
Expansion function	
<b>4G</b>	Yes
<b>WIFI</b>	Yes
<b>Speaker</b>	Optional
Power Supply and Environments	
<b>Operating Temp</b>	-10°C~50°C
<b>Storage Temp</b>	-30°C~70°C
<b>Relative humidity</b>	10~95%@10°C (Non-condensing)
<b>Vibration</b>	5~500Hz,1.5G,0.15mm peak value

<b>Shock</b>	10G/peak ( 11ms )
<b>Power supply</b>	9-36V DC power input
<b>Power consumption</b>	16W
<b>Structure</b>	
<b>Front material</b>	Al-alloy front panel, Meets IP65 rate
<b>Case material</b>	High strength metal case, High temp stoving varnish
<b>Heat scattering</b>	Heat-sink onboard in Al
<b>Installation</b>	Embedded and VESA
<b>Dimension</b>	303mm (L) x 229mm (W) x 57.7mm (H)
<b>Case dimension</b>	398mm (L) x 348mm (W) x190mm
<b>Net weight</b>	About 3.83Kg
<b>Gross Weight</b>	About 5.4Kg