

# CEX – 17.3" Widescreen Industrial Touch Panel PC's

IPPC-P173-J1900



## Features

- 17.3" widescreen industrial panel pc with Intel Celeron J1900 Quad core 2.0Ghz (I3 6100U dual core 2.3Ghz, I5 6200U dual core 2.3Ghz, I5 3317U 1.7Ghz optional)
- 17.3" TFT LCD industrial capacitive touch screen, with 1920 x 1080 resolution
- 2\*LAN port, 4\*COM (Max up to 6 COM, COM2/COM3 support 5V/12V power output, COM4/COM5 support RS232 or RS485, COM6 support RS232/TTL)
- 1\*GPIO
- W/ WIFI
- W/ Front meets IP65 rate
- SSD 32GB, Memory DDR3 2GB (4GB / 8GB optional)
- Al-frame front panel + metal case with fanless design
- 3G / 4G/ Speaker (optional)
- W/ 12V DC input
- Support Win 7 / Win 8 / Win 10 / Unix/ Linux etc.
- Support Embedded and VESA installation etc.

## Specifications

System	
<b>CPU</b>	Intel Celeron J1900 Quad core 2.0Ghz (Intel I3 6100 dia; cpre 2.3Ghz, I5 6200 dual core 2.3Ghz, I5 3317U 1.7Ghz optional)
<b>Processor</b>	Intel Skylake ULT
<b>Memory</b>	DDR4-2133MT/S, 2GB/4GB/8GB/16GB (optional)
<b>Storage</b>	Support 2.5" 500GB/1TB, mSATA 32GB/64GB/128GB/256GB
<b>Watchdog</b>	0~255 Second programmable
Display	
<b>Display Type</b>	17.3" TFT LCD (LED backlight)
<b>Resolution</b>	1920 x 1080
<b>Brightness</b>	400cd/m <sup>2</sup>
<b>View Angle</b>	88 / 88 / 88 / 88
<b>Contrast ratio</b>	000 : 1
Touch Screen	
<b>Touch type</b>	Capacitive touch screen
<b>Light transmission</b>	85% at 550nm wavelength
<b>Controller</b>	USB interface
<b>Durability</b>	Great than 100 billion touches in one location without failure
IO Interface	
<b>I/O</b>	<ul style="list-style-type: none"> <li>• 2x 100/1000Mbps Ethernet controller (support 10/100/1000Mbps)</li> <li>• 4x COM (Max up to 6xCOM, COM2/COM3 support 5V/12V power output, COM4/COM5 support RS232 or RS485, COM6 support RS232/TTL)</li> <li>• 2x USB2.0, 2x USB3.0</li> <li>• 1x Line out, MIC</li> <li>• 1x VGA</li> <li>• 1x HDMI</li> <li>• 1x GPIO</li> <li>• 1x 12V power input (support 9V~36V power input)</li> </ul>
Expansion function	
<b>WIFI</b>	Support
<b>3G / 4G</b>	Optional
<b>Speaker</b>	Optional
Power Supply and Environments	
<b>Operating Temp</b>	-20°C~70°C

<b>Storage Temp</b>	-30°C~70°C
<b>Relative humidity</b>	5~95%@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>	Support 9V~36V wide voltage power input
<b>Power consumption</b>	22W
<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>	444.0mm (L) x 280.4mm (W) x 51.8mm (H)
<b>Case dimension</b>	517mm (L) x 390mm (W) x 127mm (H)
<b>Net weight</b>	7 Kg
<b>Gross Weight</b>	11 Kg