

# CEX – 10.1” Industrial rugged panel PC’s

IPPC-P100-E3845



## • Features

- 10.1” industrial panel pc with Intel ATOM QUAD CORE E3845 1.91GHz
- 10.1”TFT LCD resistive touch screen, with 1280x 800 resolution.
- 1\*LAN,2\*RS232,3\*USB4\*Bit GPIO,1\*COM
- Over IP65 rate for the whole device.
- SSD 64GB, Memory onboard DDR3 4GB, up to SSD512Gb and Memory 8Gb
- Al-frame front panel+metal case with fanless design.
- WIFI / 3G / GPIO (optional).
- W/12VDC @2.5A DC input.
- Support RHEL 7.5 system
- Support Embedded and VESA installation etc.

## Specifications

System	
<b>CPU</b>	INTEL ATOM QUAD CORE E3845 1.91GHz
<b>Chipset</b>	Intel Bay trail
<b>Memory</b>	Onboard DDR3L 4GB
<b>Storage</b>	128GB SSD
<b>Watchdog</b>	0~255 Second programmable
Display	
<b>Display Type</b>	10.1 " TFT LCD (LED backlight)
<b>Resolution</b>	1280 x 800
<b>Brightness</b>	500cd/m2.
<b>View Angle</b>	85 / 85 / 85 / 85
<b>Contrast ratio</b>	800 : 1
Touch Screen	
<b>Touch type</b>	4 wires Resistive touch screen/Capacitive touch screen (Optional)
<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>• J1 :1x 100/1000Mbps Ethernet controller1x COM (2 x COM optional )</li> <li>• J2: 2x RS232/2*USB2.0/3*GPIO</li> <li>• J3: 1x USB2.0</li> <li>• J4:1x RS232</li> <li>• J5:1x Power In</li> </ul>
Expansion function	
<b>IP65</b>	The whole device and Aviation plug
Power Supply and Environments	
<b>Operating Temp</b>	OR-85" , OL-85'
<b>Storage Temp</b>	0T-85' , 0B-85
<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>	12VDC @2.5A power input
<b>Power consumption</b>	Max 30W

<b>Structure</b>	
<b>Front material</b>	Al-alloy 6082 for the whole device, Meets IP65 rate, included these interface.
<b>Case material</b>	Al 6082
<b>Heat scattering</b>	Heat-sink onboard in Al.
<b>Installation</b>	Embedded and VESA
<b>Dimension</b>	Approx 253*172*50mm
<b>Case dimension</b>	365mm ( L) x 300mm (W) x160mm
<b>Net weight</b>	2.25Kg
<b>Gross Weight</b>	4.5Kg