

CEX – 12.1” inch Industrial Panel PC’s

IPPC-P120T-I3



• Features

- 12.1” industrial panel pc with Intel i3 6100U dual core 2.3GHz (I5 6200U / I7 6500U optional)
- 12.1”TFT LCD resistive touch screen, with 800 x 600 resolution
- 2*LAN port, 4~6 *RS232 (1~2 *COM RS232/485 for optional)
- W/Front meets IP65 rate
- SSD 32GB, Memory DDR4 4GB/8GB/16GB (Optional)
- AI-Frame front panel + metal case with fanless design
- WIFI/ 3G/ 4G/ GPIO/ Speaker (optional)
- W/ 9V-19V DC input (DC 9V ~ 36V Optional)
- Support Win 7 / Win 8 / Win 10 / WES7 / Linux etc.
- Support Embedded and VESA installation etc.

Specifications

System	
CPU	Intel i3 6100U dual core 2.3GHz (I5 6200U / I7 6500U/ I7 6500U optional)
Cache	3 MB SmartCache
Memory	DDR4 4GB / 8GB /16GB optional
Storage	Support 2.5" SSD 32GB/64GB/128GB/256GB, HDD 500GB/1TB (Optional)
Watchdog	0~255 Second programmable
Display	
Display Type	12.1" TFT LCD (LED backlight)
Resolution	800 x 600 (1024 x 768 optional)
Brightness	350cd/m ²
View Angle	80 / 80 / 60 / 80
Contrast ratio	800 : 1
Touch Screen	
Touch type	5 wires resistive touch screen
Light transmission	85% at 550nm wavelength
Controller	USB interface
Durability	Great than 100 billion touches in one location without failure
IO Interface	
I/O	<ul style="list-style-type: none"> • 2x 100/1000Mbps Ethernet controller • 4~6x RS232(1~2 x COM RS232 / 485 for optional) • 2x USB3.0 (4x USB3.0 optional) • 1x HDMI or 1 x VGA (Optional) • 1x 9V-19V power input (DC9V~36V optional) • 1x Line out, MIC (optional)
Expansion function	
GPIO	Optional
3G / 4G / WIFI	Optional
Speaker	Optional
Power Supply and Environments	
Operating Temp	-10°C~60°C
Storage Temp	-30°C~70°C
Relative humidity	5~95%@10°C (Non-condensing)
Vibration	5~500Hz,1.5G,0.15mm peak value

Shock	10G/peak (11ms)
Power supply	12V DC power input (Support 9V~19V power input)
Power consumption	22W
Structure	
Front material	Al-alloy front panel, Meets IP65 rate
Case material	High strength metal case, High temp stoving varnish
Heat scattering	Heat-sink onboard in Al
Installation	Embedded and VESA
Dimension	328mm (L) x 247mm (W) x 79mm (H)
Case dimension	398mm (L) x 348mm (W) x190mm
Net weight	3.83 Kg
Gross Weight	5.4 Kg