

CEX – 17” Industrial Touch Panel PC’s

IPPC-P170-J1900



• Features

- 17” 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”TFT LCD screen, with 1280 x 1024 resolution
- 2*LAN port, 2*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 (optional)
- W/ WIFI (optional)
- W/ Front meets IP65 rate
- SSD 32GB, Memory 2GB / 4GB / 8GB / 16GB (optional)
- Al-frame front panel + metal case with fanless design
- 3G / 4G/ Speaker (optional)
- Support DC12V power input
- Support Win 7 / Win 8 / Win 10 / Unix/ Linux etc.
- Support Embedded and VESA installation etc.

Specifications

System	
CPU	Intel Celeron J1900 Quad core 2.0Ghz (Intel I3 6100 dual core 2.3Ghz, I5 6200 dual core 2.3Ghz, I5 3317U 1.7Ghz optional)
Processor	Intel Skylake ULT
Memory	DDR4-2133MT/S, 2GB/4GB/8GB/16GB (optional)
Storage	Support 2.5" 500GB/1TB, mSATA 32GB/64GB/128GB/256GB
Watchdog	0~255 Second programmable
Display	
Display Type	17" TFT LCD (LED backlight)
Resolution	1280 x 1024
Brightness	300cd/m ²
View Angle	88 / 88 / 88 / 88
Contrast ratio	3000 : 1
Touch Screen	
Touch type	Capacitive 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 (support 10/100/1000Mbps) • 2x COM (Max up to 6xCOM, COM2/COM3 support 5V/12V power output, COM4/COM5 support RS232 or RS485, COM6 support RS232/TTL) • 3x USB2.0, 1x USB3.0 • 1x Line out, MIC • 1x HDMI • 1x 12V power input (support 9V~36V power input)
Expansion function	
GPIO	Optional
3G / 4G / WIFI	Optional
Speaker	Optional
Power Supply and Environments	
Operating Temp	-20°C~70°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	Support DC 12V 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	399.4mm (L) x 343.4mm (W) x 58mm (H)
Case dimension	685mm (L) x 475mm (W) x 185mm (H)
Net weight	7 Kg
Gross Weight	12 Kg