

CEX – 19” Industrial Touch Panel PC’s

IPPC-P190-J1900



• Features

- 19” 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)
- 19”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)
- AI-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 | 19" 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"> • 2 x 100/1000Mbps Ethernet controller (support 10/100/1000Mbps) • 2 x COM (Max up to 6 COM, COM2/COM3 support 5V/12V power output, COM4/COM5 support RS232 or RS485, COM6 support RS232/TTL) • 3 x USB2.0, 1x USB3.0 • 1 x Line out, MIC • 1 x VGA • 1 x HDMI • 1 x Remote switch • 1 x 12V 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 | 456mm (L) x 356mm (W) x 58mm (H) |
| Case dimension | 685mm (L) x 475mm (W) x 185mm (H) |
| Net weight | 8 Kg |
| Gross Weight | 13 Kg |