



Adopt a higher standard LCD screen and a high-precision touch screen. The fuselage is made of aluminum alloy structure. The fully enclosed fanless design scheme is specially designed for complex medical environment, which can ensure long-term stable operation under complex medical conditions; All products have obtained medical test reports such as EMI, ESD, safety regulations, pulse group, emission radiation, etc

Features

- Industrial-grade protection, adapt to a variety of harsh environments.
- Self-developed X86 architecture motherboard, the appearance of independent open mold.
- Internal anti-interference structure, ESD up to: contact $\pm 8KV$ ~air $\pm 15KV$
- Anti-vibration and anti-radiation layout structure design.
- Obtained the medical industry test report EN 60601-1-2:2015



Product Model

| | |
|------------------|-------------------|
| Product Size | 10.1" |
| Non-touch | OVPPC-101G-J19-MD |
| Capacitive touch | OVPPC-101C-J19-MD |
| Resistive touch | OVPPC-101R-J19-MD |

Product Interface



Product Specifications

Screen Parameters

| | |
|----------------|-----------------------|
| LCD size | 10.1" TFT LCD |
| Resolution | 1280*800 |
| Viewing angle | 85/85/85/85 (L/R/U/D) |
| Colour | 16.7M |
| Brightness | 300 cd/m ² |
| Contrast ratio | 1000:1 |

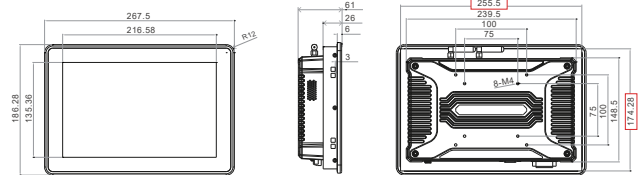
Touch Parameters

| | | | |
|--------------------------|--|---|-----------|
| Touch type | 10-point touch projection Capacitive touch screen | Single-point Resistance touch screen | Non-touch |
| Transmittance | ≥88% | ≥78% | ≥92% |
| Input mode | Handwriting or Capacitance pen | Fingertip or stylus | / |
| Controller communication | USB | USB | / |

Hardware Configuration

| | | | |
|---------------------|---|----------------|---------------------------------|
| CPU | Intel Celeron J1900 quad-core 1.99GHz (Maximum 2.4GHz);Upgradeable to i3/i5/i7 | Broad pressure | Support 12V-36V wide voltage |
| Memory | 4G DDR3 1333/1600M (Optional: 8G) | WiFi | 2.4GHz/5GHz, Dual frequencyWiFi |
| Storage | 64G SSD (Optional: 128/256/512G) | Bluetooth | BT4.0 (Optional) |
| Integrated graphics | Intel HD Graphics | | |
| Operating system | Windows 7 Professional/Ultimate, Windows 10 Professional/Enterprise/Home, Ubuntu 16.04.7/Ubuntu 18.04.5/Ubuntu 18.04.6/Ubuntu 20.04.1/Centos7.4/7.6/7.8/Redhat7.4/Debian7.0 | | |

Product Size



Physical Characteristics

| | |
|--------------------|------------------------|
| Overall dimensions | W267.5x H186.28x D61mm |
| Size of opening | W257.5x H176.28mm |

Interface Parameters

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|------------------|---|
| Power interface1 | 1*Industrial terminal,Support wide voltage 12V-36V power supply |
| Power interface2 | 1*DC2.5, Support wide voltage 12V-36V power supply |
| USB | 2*USB 2.0, 2*USB 3.0 |
| LAN | 1*LAN, 10M/100M/1000M adaptive Ethernet |
| HDMI | 1*HDMI, Supporting HDMI data output, Up to 4K |
| SIM | 1*SIM, Supporting various formats (Depending on 3G/4G module) |
| VGA | 1*VGA |
| Audio interface | 1* Audio output, support audio output |
| WiFi antenna | 2*WiFi antenna |
| Grounding column | Support (1*GND) |

Product Reliability Parameters

| | |
|-----------------------|--|
| Working temperature | -20°C~70°C |
| Storage temperature | -30°C~80°C |
| Relative humidity | Humidity: 95% Non-Condensing |
| Vibration protection | IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis |
| Impact protection | IEC 60068-2-27, Half sine wave, Lasting for 11ms |
| Product certification | CCC/CE/FCC/EMC/CB/ROHS |
| Waterproof grade | The front panel reaches IP65 protection level |

Power Parameters

| | |
|--------------|------------|
| Power input | DC 12V~36V |
| Static power | 18W |