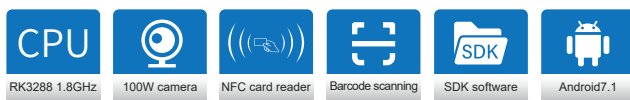




Adopting aluminium alloy flat plate, fanless fully enclosed integrated design, fashionable appearance, simple craftsmanship, self-developed ARM industrial motherboard, cost-effective, optional, built-in 100W HD camera 13.56M card reader and barcode scanning module, so that the product application is more abundant.

Features

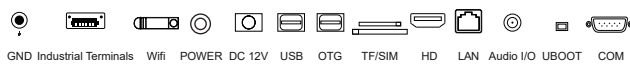
- Fashionable and simple appearance, independent open mold
- High precision die-cast aluminum molding, efficient heat dissipation
- Self-developed ARM architecture motherboard, high cost performance
- Built-in 100W HD camera 13.56M card reader and barcode scanning module
- Provide API reference code and support SDK secondary development
- Support desktop, wall mount, cantilever and other installation methods



Product Model

| | |
|------------------|-----------------------|
| Product Size | 15.6" |
| Non-touch | OVPPC-156G-NFC-2D-A32 |
| Capacitive touch | OVPPC-156C-NFC-2D-A32 |
| Resistive touch | OVPPC-156R-NFC-2D-A32 |

Product Interface



Product Specifications

Screen Parameters

| | | | |
|----------------|-----------------------|--|--|
| LCD size | 15.6" TFT LCD | | |
| Resolution | 1920*1080 | | |
| Viewing angle | 85/85/85/85 (L/R/U/D) | | |
| Colour | 16.7M | | |
| Brightness | 300cd/m ² | | |
| Contrast ratio | 800:1 | | |

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 | / |

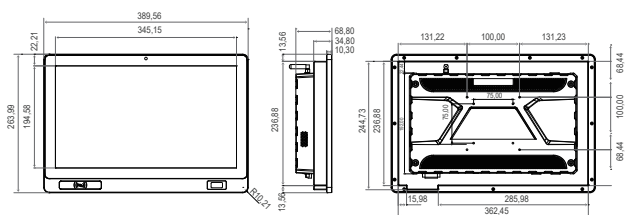
Hardware Configuration

| | | | |
|------------------|---|--------------------------|---|
| CPU | RK3288, Cortex-A17 quad-core, 1.8GHz | WiFi/Bluetooth | Support |
| Memory | 2G DDR3 (Optional: 4G/8G) | Camera | 100W pixels |
| Storage | 16G eMMC (Optional: 32G/64G) | LED indicator | Red/green/blue (combination) |
| GPU | Mali-T764 | Bar code scanning module | Support 1D/2D barcode scanning functions for easy information entry |
| Card reader | 13.56MHz, IC card reader (ISO14443-A, ISO14443-B) | | |
| Operating system | Android 7.1/10.0, Linux4.4/Ubuntu18.04/Debian10.0/linux4.4+QT | | |

Power Parameters

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

Product Size



Physical Characteristics

| | |
|--------------------|---------------------------|
| Overall dimensions | W389,56x H263,99x D68,8mm |
|--------------------|---------------------------|

Interface Parameters

| | |
|-------------------|---|
| Power interface 1 | 1*Industrial terminal, support 12V power input |
| Power interface 2 | 1*DC2.1, Supporting 12V power input |
| USB | 1*USB HOST, 1*USB OTG |
| TF | 1*TF card standard interface |
| SIM | 1*SIM, Supporting various formats (Depending on 3G/4G module) |
| HDMI | 1*HDMI, Supporting HDMI data output, Up to 4K |
| Network interface | 1*LAN, 10M/100M/1000M adaptive Ethernet |
| Audio interface | 1*Audio I/O, Support audio input and output |
| Reset key | Support (1*UBOOT) |
| COM | 2*RS232 |
| WiFi antenna | 1*WiFi antenna |
| Power on/off | 1*POWER |
| Grounding post | Support (1*GND) |

Product Reliability Parameters

| | |
|-----------------------|--|
| Working temperature | -10°C~60°C |
| Storage temperature | -20°C~70°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 |