

It adopts RK3288 Cortex-A17 quad-core processor, and is equipped with Android 7.1 system, with a main frequency of up to 1.8 GHz, and excellent performance. The adoption of Mali-T764 GPU, which supports most mainstream decoding schemes under 1080 P @ 60 fps and H.264/MVC/VP8 decoding schemes under 1080 P @ 30 fps, is your best choice in human-computer interaction projects.

Features >>

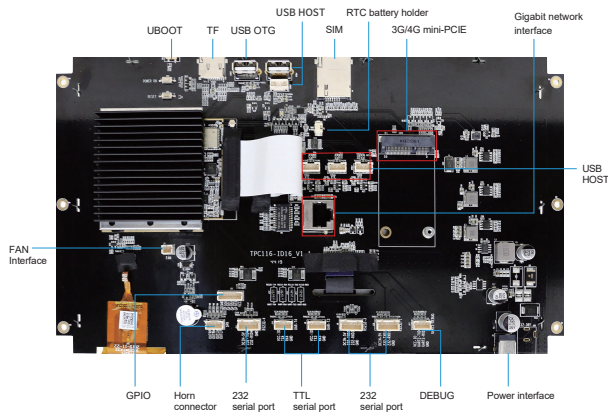
- High integration, realizing WiFi/Bluetooth/Ethernet triple connection.
- Rich interfaces and flexible expansion.
- Self-developed ARM architecture motherboard, smooth human-computer interaction experience.
- Support 9V~36V wide voltage power input
- API reference code is provided to support customization of SDK secondary development.
- Flexible and diverse open installation methods.



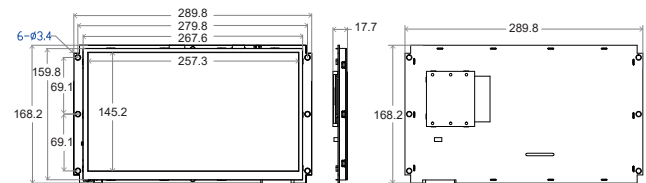
Product Model

| | |
|------------------|-------------------|
| Product Size | 11.6" |
| Capacitive touch | OVPPC-116C-A32-OF |

Product Interface



Product size



Physical Characteristics

| | |
|--------------------|-------------------------|
| Overall dimensions | W289.8x H168.2x D17.7mm |
|--------------------|-------------------------|

Product Reliability

| | |
|----------------------|---|
| 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, duration 11ms |
| Authentication | CCC/CE/FCC/EMC/CB/ROHS |

Touch Screen

| | |
|--------------------------|---|
| Touch screen type | 10 point touch projection capacitive touch screen |
| Light transmittance | ≥88% |
| Input mode | Handwriting or capacitive pen |
| Controller communication | USB |

Product Specifications

Screen Parameters

| | | | |
|---------------|-----------------------|----------------|-----------------------|
| LCD Size | 11.6" TFT LCD | Colour | 16.7M |
| Resolution | 1366*768 | Brightness | 300 cd/m ² |
| Viewing Angle | 85/85/85/85 (L/R/U/D) | Contrast ratio | 1000:1 |

Hardware Configuration

| | | | |
|------------------|---|------------------------|---|
| CPU | RK3288, quad core | USB interface | 1*USB OTG, 1*USB HOST, 4*USB sockets |
| CPU frequency | 1.8GHz | COM | Default 2 * 232, 1 * DEBUG port, optional 2 * TTL |
| GPU | Mali-T764 | Picture format | Support BMP, JPEG, PNG, GIF, etc |
| RAM | 2G DDR3 (Optional 8G) | GPS | External GPS (optional) |
| Storage | 8G eMMC (Optional 16G/32G/64G) | TF card | Support TF card extension |
| WiFi | 2.4GHz / 5GHz dual bands | Audio and video output | Support left and right channel output, built-in dual 4R/2W, 8R/2W power amplifier |
| Bluetooth | BT4.2(Optional) | System upgrade | Support local TF and USB upgrade |
| Operating system | Android 7.1/10.0, Linux4.4/Ubuntu18.04/Debian10.0/linux4.4+QT | | |

Power parameters

| | | | |
|---------------|-----------|--------------|-----|
| Input voltage | DC 9V~36V | Static Power | 18W |
|---------------|-----------|--------------|-----|