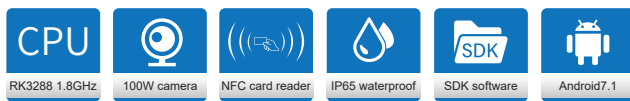




The use of aluminum alloy pure flat panel, fanless fully enclosed integrated design, stylish appearance, technological simplicity, independent research and development of ARM industrial motherboard, cost-effective, optional, with 100W camera, 13.56M card reader and RGB tricolor lights, product applications are more abundant.

Features

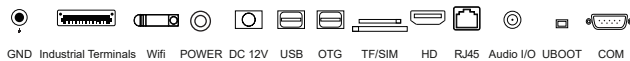
- Fashionable and simple appearance, independent open mold
- High precision die-cast aluminum molding, efficient heat dissipation
- Self-developed ARM architecture motherboard, high cost performance
- Built-in 100W camera, 13.56M card reader and RGB tricolor light
- Provide API reference code and support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



Product Model

Product Size	10.1"
Non-touch	OVPPC-101G-NFC-A32
Capacitive touch	OVPPC-101C-NFC-A32
Resistive touch	OVPPC-101R-NFC-A32

Product Interface



Product Specifications

Screen Parameters

LCD size	10.1" TFT LCD
Resolution	800*1280
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	/

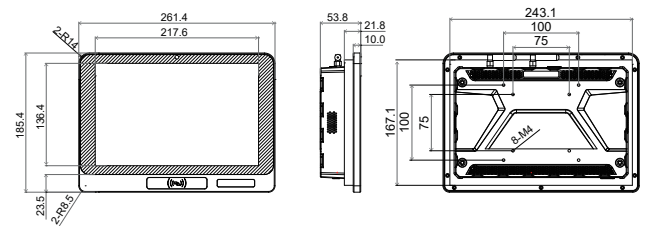
Hardware Configuration

CPU	RK3288, Cortex-A17 quad-core, 1.8GHz
Memory	2G DDR3 (Optional: 4G/8G)
Storage	16G eMMC (Optional: 32G/64G)
GPU	Mali-T764
Card reader	13.56MHz, IC card reader (ISO14443-A, ISO14443-B)

Power Parameters

Power input	DC 12V
Static power	18W

Product Size



Physical Characteristics

Overall dimensions	W261.4x H185.4x D53.8mm
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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*RJ45, 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

WiFi	2.4GHz / 5GHz dual bands
Bluetooth	BT4.2
Camera	100W pixels
LED indicator	Red/green/blue (combination)
Operating system	Android 7.1/10.0, Linux 4.4/Ubuntu 18.04/Debian 10.0/linux 4.4+QT