



The whole machine is made of aluminum alloy in one piece, with self-developed motherboard, low power consumption, which can ensure stable work for a long time in harsh environment. It can be upgraded with IC card identification, QR code, scan gun, alarm light, HDMI input module, etc. to meet the functions of SOP, task browsing, equipment management, defect registration, abnormal alarm, etc. It is widely used in smart factories, smart canteens, smart campuses, smart meeting reservations, etc.

Features

- Independent molded appearance, pure aluminum structure
- Self-developed ARM architecture motherboard, high cost performance
- Support NFC, a variety of identification methods can be customized
- Compatible with various MES manufacturing management systems
- Real-time production status display and monitoring, support voice intercom
- External alarm light can be connected to deal with abnormal situations



Product Model

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

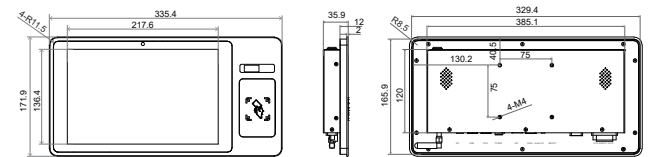
Hardware Configuration

CPU	RK3288, Cortex-A17 quad-core, 1.8GHz	WiFi	2.4GHz / 5GHz dual bands
Memory	2G DDR3 (Optional: 4G/8G)	Bluetooth	BT4.2
Storage	16G eMMC (Optional: 32G/64G)	Camera	100W pixels
GPU	Mali-T764	LED indicator	Red/green/blue (combination)
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
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Product Size



Physical Characteristics

Overall dimensions	W335.4x H171.9x D35.9mm
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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*LAN, 10M/100M/1000M adaptive Ethernet
Audio interface	1*Audio I/O, Support audio input and output
Reset key	Support (1*UBOOT)
COM	1*RS232
WiFi antenna	1*WiFi antenna
Power on/off	1*POWER

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