AIO Windows Panel PC
NFC - Alarm Light
OVPPC-101-NFC-i7 Series

The use of aluminum alloy pure flat panel, fanless fully enclosed integrated design, stylish appearance, technological simplicity, independent research and development of X86 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 X86 architecture motherboard, high cost performance
- Built-in 100W camera, 13.56M card reader and RGB tricolor light
- Support 12-36V wide voltage power supply.
- Support desktop, wall mount, cantilever and other installation methods



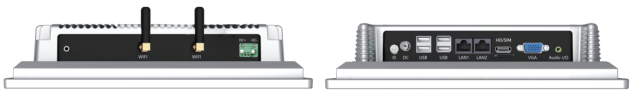




Product Model

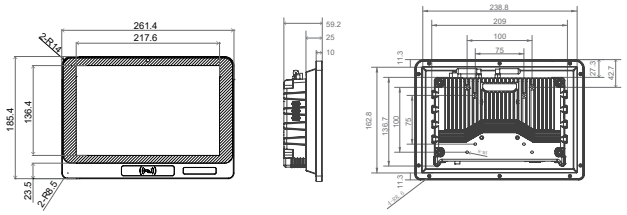
Product Size	10.1"
Non-touch	OVPPC-101G-NFC-i7XX
Capacitive touch	OVPPC-101C-NFC-i7XX
Resistive touch	OVPPC-101R-NFC-i7XX

Product Interface





Product size



Physical Characteristics

Overall dimensions	W261.4 x H185.4 x D59.2mm

Interface

DC	1*DC 2.5
HDMI	1*HDMI, Support HDMI data output, maximum support 1080P
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN,Dual 1000M adaptive Ethernet
AUDIO	1*Audio I/O,Support audio input and output
SMI card	Standard SIM card interface, supporting various standards (depending on 3G/4G module)
VGA	1*VGA
POWER	1*POWER
Industrial terminal	1*Industrial terminal

Product Reliability

Working Temperature	-10°C to 60°C
Storage temperature	- 20°C to 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
Waterproof	Front panel reaches IP65 protection level

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/m²
Contrast ratio	1000:1

Touch Screen

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

Hardware Configuration

CPU	I7-6500U	I7-7500U	I7-8565U	I7-10510U
CPU frequency	2.5GHz	2.7GHz	1.8GHz	1.8GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel Ultra HD Graphic 620	Intel UHD630 Graphics
RAM	4G DDR4 (Optional 8G/16G)	4G DDR4(Optional 8G/16G/32G)	4G DDR4(Optional 8G/16G/32G)	8G DDR4(Optional 16G/32G /64G)
Storage	128G SSD (Optional 256/512G)			
WiFi	2.4GHz / 5GHz dual bands			
Bluetooth	BT4.2			
Operating system	Windows7/10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8			
Other support	Support RTC real-time clock and timing switch			

Power parameters

Input voltage	DC 12V~36V	Static Power	18W