



The whole piece adopts ultra-thin frame, all aluminum alloy structure, fanless and fully enclosed design, It is more suitable for embedded installation to meet the needs of different devices in different environments. Widely used in industrial control, military, communications, electric power, and other high-end fields.

## Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- High precision die-casting aluminum molding, pure plane wire drawing.
- process design, dustproof and waterproof.
- Self-developed fanless X86 architecture industrial motherboard
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Equipped with dual networks, supporting 12-36V wide voltage power supply;
- Rich interfaces and strong extensibili.



## Product Model

Product Size	13.3"
Non-touch	OVPPC-133G-I7XX
Capacitive touch	OVPPC-133C-I7XX
Resistive touch	OVPPC-133R-I7XX

## Product Interface



## Product Specifications

### Screen Parameters

LCD Size	13.3" TFT LCD
Resolution	1920x1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	220 cd/m <sup>2</sup>
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

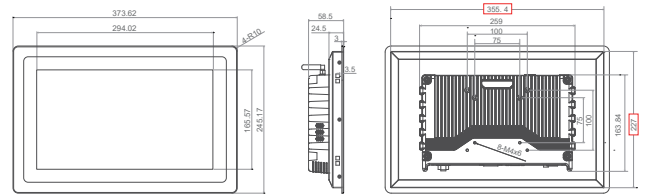
### Hardware Configuration

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	BT4.0(Optional)			
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
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## Product size



### Physical Characteristics

Overall dimensions	W373.62x H245.17x D58.5mm
Size of opening	W357.4 x H229mm

### 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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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