



Fanless Panel PC

21.5" Embedded CPU

OVPPC-215-Qi5 Series

The whole machine adopts pure plane frame, aluminum alloy structure, no fan completely closed design. Support desktop, wall mounted, embedded, cantilever, boom and other installation modes, widely used in industrial control, military, communications, electric power, network and other automation fields.

Features

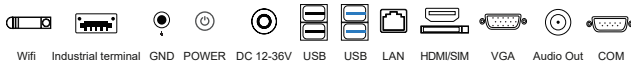
- Appearance independent mold opening
- High precision aluminum alloy material
- Pure flat panel up to IP65 dust and waterproof
- Independently developed fanless X86 architecture industrial motherboard
- Comply with EMC anti-electromagnetic interference standards
- Industrial protection, adapt to a variety of harsh environment
- Compatible with 99% industry software
- Rich interface design, strong expansion



Product Model

Product Size	21.5"
Non-touch	OVPPC-215G-Qi5XX
Capacitive touch	OVPPC-215C-Qi5XX
Resistive touch	OVPPC-215R-Qi5XX

Product Interface



Product Specifications

Screen Parameters

LCD Size	21.5" TFT LCD
Resolution	1920*1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
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

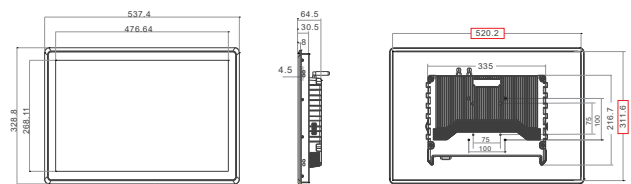
Hardware Configuration

CPU	I5-6200U	I5-7200U	I5-8265U	I5-10210U
CPU frequency	2.3GHz	2.5GHz	1.6GHz	1.6GHz
Integrated graphics	Inte HD Graphic 520	Intel HD Graphics 620	Intel Ultra HD Graphics 620	Intel UHD620 Graphics
RAM	4G DDR4(Optional 8G/16G/32G)	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	W537.4x H328.8x D64.5mm
Size of opening	W522.2 x H313.6mm

Interface

Power interface 1	1*Industrial terminal,Support 12V-36V wide voltage power supply
Power interface 2	1*DC2.5,Support 12V-36V wide voltage power supply
Power key	1*Power button
USB	2*USB 2.0, 2*USB 3.0
HDMI	1*HDMI, supporting HDMI data output, up to 4k
SIM card	Standard SIM card interface, supporting various standards (depending on 3G/4G module)
LAN	2*LAN,Dual 1000M adaptive Ethernet
VGA	1*VGA
Audio	1*Audio Out,Headphone stand: 3.5mm standard interface
COM	2*RS232

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