

070X-I7-YPPC

The overall use of flat aluminum alloy panel, fanless fully enclosed integrated design. Meet the requirements of different equipment in different environments. It is widely used in industrial control, military, communication, power, network, intelligent self-service terminal equipment and other automation applications.

Features

- Pure flat panel IP65 dust-proof and waterproof.
- High precision aluminum alloy material.
- Self-developed fanless X86 architecture industrial motherboard
- Industrial protection, applicable to various harsh environments.
- Supporting 12V-36V wide voltage power supply;
- Dual gigabit adaptive Ethernet ports for faster transmission.
- Rich interfaces and strong extensibili.
- Support desktop, wall mounted, embedded and other installation methods.



Product Model

Product Size	7"
Non-touch	070N-I7-YPPC
Capacitive touch	070C-I7-YPPC
Resistive touch	070R-I7-YPPC

Product Interface



Product Specifications

Screen Parameters

LCD Size	7" TFT LCD
Resolution	1024x600
Viewing Angle	75/75/70/75 (L/R/U/D))
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	500:1

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	/
Controllercommunication	USB	USB	/

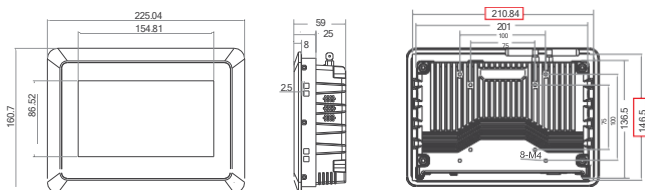
Hardware Configuration

CPU	I7-7500U	I7-8565U	I7-10510U	I7-1255U
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(256G/512G SSD, 1T/2T HDD Optional)			
WiFi	Dual band 2.4G&5G			
Bluetooth	BT4.0(Optional)			
Operating system	Win7/10/11, Ubuntu/Centos/Redhat/Debian/Linux			
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	W225.04x H160.7x D59mm
Size of opening	W212.84 x H148.5mm

Interface

Power interface	1*DC 2.5, Supporting 12V-36V power input
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
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
SIM	Standard SIM card interface, supporting various standards (depending on 3G/4G module)
VGA	1*VGA
WiFi antenna	2*WiFi antenna
POWER	Support (1*POWER)
Grounding post	1*Grounding post (GND)

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