

238X-I3-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

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet. •
- Pure flat panel IP65 dust-proof and waterproof.
- High precision aluminum alloy material.
- Self-developed fanless X86 architecture industrial motherboard •
- Dual gigabit adaptive Ethernet ports for faster transmission.
- Industrial protection, applicable to various harsh environments. •
- Supporting 12V-36V wide voltage power supply;
- Rich interfaces and strong extensibili.



Product Model

Product Size	23.8"
Non-touch	238N-I3-YPPC
Capacitive touch	238C-I3-YPPC
Resistive touch	238R-I3-YPPC

Product Interface



Product Specifications

Screen Parameters

LCD Size	23.8" TFT LCD
Resolution	1920*1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	250 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	/

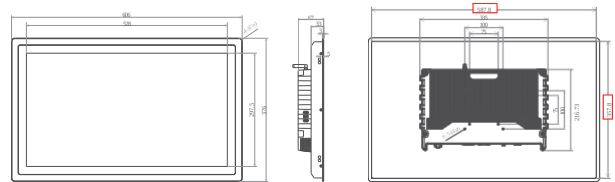
Hardware Configuration

CPU	I3-8145U	I3-10110U	I3-1255U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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; Ubuntu16.04.7/18.04.5/20.04.3; Centos7.6/7.8; 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	W606 x H376 x D67mm
Size of opening	W589.8 x H359.8mm

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