

FPC-7156WCP-1255

The whole adopts ultra-narrow frame, pure flat board, aluminum alloy structure, fanless fully enclosed design. Support desktop, wall-mounted, embedded, cantilever type, boom type and other installation methods, widely used in industrial control, military, communications, power, network and other high-end automation fields.

Features

- Narrow bezel design, independent mold opening appearance
- Aluminum alloy - body die-casting molding, efficient heat dissipation
- Self-developed fanless X86 architecture industrial motherboard
- Dual gigabit adaptive Ethernet ports for faster transmission.
- Supporting 12V-36V wide voltage power supply;
- Rich interfaces and strong extensibility.
- Adapt to complex heavy industrial environments such as dust, oil, water mist, strong electromagnetic and high-frequency vibration.



Product Model

Product Size	15.6"
Non-touch	FPC-7156WNT
Capacitive touch	FPC-7156WCP
Resistive touch	FPC-7156WRS

Product Interface



Product Specifications

Screen Parameters

LCD Size	15.6" TFT LCD
Resolution	1920*1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	800:1

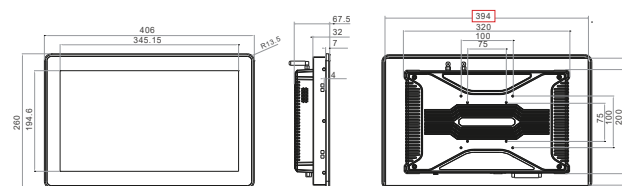
Touch Parameters

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	I7-1255U
CPU frequency	1.7GHz
Integrated graphics	Intel Iris Xe Graphics 96
RAM	8G DDR4 (Optional 16G/32G)
Storage	256G SSD (512G SSD/M.2 256G/512G/1TB, 1T/2T HDD optional)
WiFi	2.4GHz / 5GHz dual bands
Bluetooth	The 1*M.2 supports the Key-E interface WiFi/ Bluetooth module
Operating system	WIN 10/11, Ubuntu/Centos/Redhat/Debian/Linux

Product size



Physical Characteristics

Overall dimensions	W406x H260x D67.5mm
Size of opening	W396 x H250mm

Interface

Power interface1	1*DC2.5, Supporting 12V-36V power input
Power interface2	1*Industrial terminal, Supporting 12V-36V power input
USB	2*USB 2.0, 2*USB 3.0+Type-C*1
LAN	2*LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1* Audio Out, support audio output
POWER	Support (1*POWER)
WiFi antenna	2*WiFi antenna
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

Power parameters

Input voltage	DC 12V~36V
Static Power	<35W