

EPC-7121WRS-7500

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 extensibility.



Product Model

Product Size	12.1"
Non-touch	EPC-7121WNT
Capacitive touch	EPC-7121WCP
Resistive touch	EPC-7121WRS

Product Interface



Product Specifications

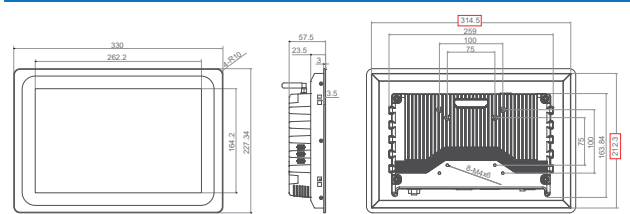
Screen Parameters	
LCD Size	12.1" TFT LCD
Resolution	1280*800
Viewing Angle	65/65/50/65 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	350:1

Touch Screen	
Touch screen type	Resistive touch screen
Light transmittance	≥78%
Input mode	Fingertip or touch 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	Intel HD Graphic 520 Intel 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

Product size



Physical Characteristics	
Overall dimensions	W330x H227.34x D57.5mm
Size of opening	W316.5 x H214.3mm
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