EPC-5121WCP-6200

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.

| Intel I5 | Fanless cooling | 12V-36V | IP65 waterproof | Rich excuses | 7*24H operation |

Intel CORE i5 6th Gen | Intel CORE i5 8th Gen | Intel CORE i5 10th Gen | Intel CORE i5 7th Gen

ISO FC CE CCC RoHS 10

Product Model

Product Size	12.1"
Non-touch	EPC-5121WNT
Capacitive touch	EPC-5121WCP
Resistive touch	EPC-5121WRS

Product Interface

| Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM |

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/m²
Contrast ratio	350:1

Touch Screen

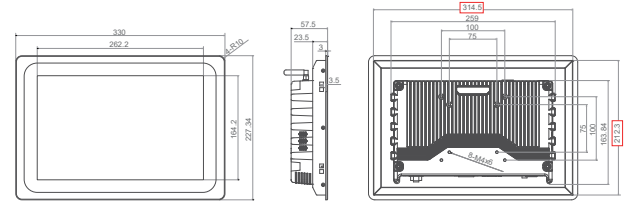|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

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

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