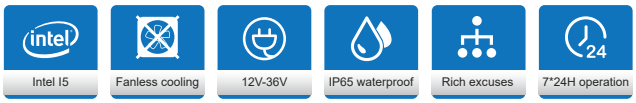
EPC-5185WRS-8265

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.

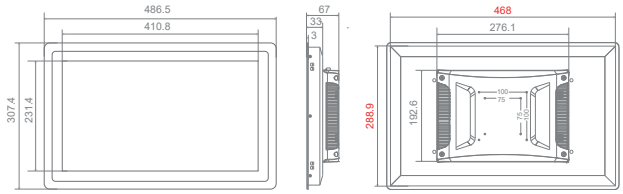


Product Model

Product Size	18.5”
Non-touch	EPC-5185WNT
Capacitive touch	EPC-5185WCP
Resistive touch	EPC-5185WRS

Product Interface

Product size



Physical Characteristics

Overall dimensions	W486.5x H307.4x D67mm
Size of opening	W470x H290.9mm

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

Product Specifications

Screen Parameters

LCD Size	18.5" TFT LCD
Resolution	1920×1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Screen

Touch screen type	Resistive touch screen
Light transmittance	≥78%
Input mode	Fingertip or touch 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

Updated Oct. 9, 2022.

* All specifications and photos are subject to change without notice.