

TPC185-W1020-S510

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.



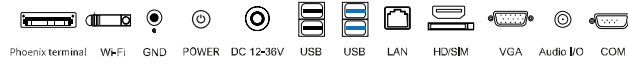
Model

Product Size	18.5"
Non-touch	TPC185-W1000-S510
Capacitive touch	TPC185-W1010-S510
Resistive touch	TPC185-W1020-S510

Interface



Upgrades are required, subject to the actual product



Specification

Screen Parameter

LCD Size	18.5" TFT LCD
Resolution	1920*1080(16:9)
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	1000:1

Touch Parameter

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	/

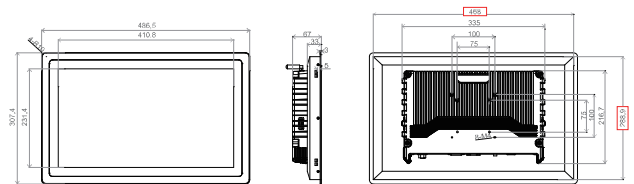
Hardware Configuration

CPU	Intel Core I5-10210U Frequency: 1.6GHz,
GPU	Intel UHD Graphics 630
Memory	8GB DDR4
Hard disk	512GB SSD
Wi-Fi	Dual Band 2.4GHz+5GHz
Bluetooth	Bluetooth 4.0(optional)
Operating system	Win7/10/11, Ubuntu/Centos/Redhat/Debian/Linux
Other support	Support RTC real-time clock and timing switch

Power Parameter

Input voltage	DC 12V-36V	Power adapter	24V/4A
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Product size



Physical Characteristic

Overall dimensions	W486,5x H307,4x D67mm
Size of opening	W470 x H290,9mm

Interface

Power interface 1	1*Industrial terminal (Supports wide voltage 12V-36V power supply)
Power interface 2	1*Threaded DC port (Diameter: 5.5*2.5mm)
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
USB	2*USB 2.0, 2*USB 3.0
Ethernet	2*LAN, 10M/100M/1000M adaptive Ethernet
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
Audio interface	1*Audio I/O, support audio input and output
VGA	1*VGA
Serial port	3*RS232+1*RS485
WiFi antenna	2*WiFi antenna

Product Reliability

Working Temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
Relative humidity	95% Non-Condensing