TPC170-W11

The aluminum alloy flat panel is adopted, and the fan free fully enclosed integrated design is adopted. The overall feature is "industrial quality, commercial appearance. It is widely used in industrial control, military, communication, power and other fields, network, intelligent self-service terminal equipment and other automation applications.
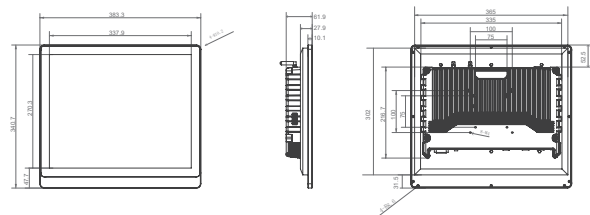
Features

- The appearance is exquisite and full of technology.
- The whole machine adopts fanless and efficient heat dissipation design.
- Used in a variety of complex and harsh working environments
- Made of aluminum alloy material, the whole machine is light and wear-resistantIn
- Line with EMC anti-static, anti-electromagnetic interference standards.
- Equipped with dual gigabit networks and rich scalable interfaces.
- Support 12-36V wide voltage power supply.
- Support desktop type, wall mounting, cantilever, lily type and other installation

| Intel I7 | Fanless cooling | 12V-36V | IP65 waterproof | Rich Interfaces | 7*24H operation |

Product Model

Product Size	17"
Non-touch	TPC170-W1101
Capacitive touch	TPC170-W1111
Resistive touch	TPC170-W1121

Product Interface

| Wifi | Industrial terminal | GND | POWER | DC 12-36V | USB-2.0 | USB-3.0 | LAN | HD/SIM | VGA | Audio Out | COM |

Product Specifications

Screen Parameters

LCD Size	17" TFT LCD
Resolution	1280×1024 (Aspect Ratio 5:4)
Viewing Angle	80/80/80/70 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

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	/

Product size

Physical Characteristics

Overall dimensions	W383.3 x H340.7 x D61.9mm

Interface

Power interface1	1*DC 2.5, Supporting 12V-36V power input
Power interface2	1*Industrial terminal, Supporting 12V-36V power input
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN, Dual 1000M adaptive Ethernet
AUDIO	1*Audio Out, Support audio output
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
COM	2*RS232
WiFi antenna	2*WiFi antenna
POWER	Support (1*POWER)
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

Hardware Configuration

CPU	I7-6500U	I7-7500U	I7-8565U	I7-10510U
CPU frequency	2.5GHz	2.7GHz	1.8GHz	1.8GHz
Integrated graphics	Inte HD Graphic 520	Inte 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(256G/512G SSD, 1T/2T HDD Optional)			
WiFi	Dual band 2.4G&5G			
Bluetooth	BT4.0(Optional)			
Operating system	Win7/10/11, Ubuntu/Centos/Redhat/Debian/Linux			
Other support	Support RTC real-time clock and timing switch			

Power parameters

Input voltage	DC 12V~36V	Static Power	18W