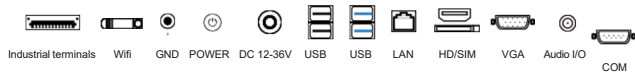# TSPC150-W3

Full aluminum alloy panel structure with an IP65 waterproof front panel and an aluminum alloy rear cover equipped with heat dissipation holes. It is low power consumption.It is suitable for embedded installation applications and supports various external device connections, making it widely applicable in self-service terminals such as self-service vending machines, inquiry kiosks, parcel lockers, industrial, and medical self-service terminal fields.

Features

- Ultra-thin bezel design · tailored for embedded installation applications
- Pure flat panel IP65 dust-proof and waterproof.
- Self-developed X86 architecture industrial motherboard
- Intel Celeron J4125 quad-core 2.0GHz processor
- Comply with EMC anti-electromagnetic interference standard
- Compatible with 99% of industry software, With strong expansibility

Product Interface

Industrial terminals | Wifi | GND | POWER | DC 12-36V | USB | USB | LAN | HD/SIM | VGA | Audio I/O | COM

Product Specifications

Screen Parameters

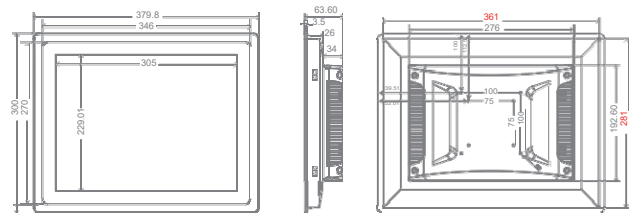| LCD size	15" TFT LCD
Resolution	1024×768(4:3)
Viewing angle	89/89/89/89 (L/R/U/D)
Color	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

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	/

Hardware Configuration

CPU	Intel Celeron J4125 quad-core 2.0GHz CPU
Memory	8GB (Supports up to 8GB)
Storage	128GB SSD (Optional:256GB/512GB SSD, 1T/2T HDD)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10/11/Ubuntu/Centos/Linux

Product Size

Physical Characteristics

Overall dimensions	W379.8X H300X D63.6MM
Size of opening	W363 X H283MM

Interface Parameters

Power interface1	1*12P Phoenix terminal (Power supply/RS232*1/RS485*1/GPIO*5)
Power interface2	1*DC【5.5*2.5mm】, Supporting 12V-36V power input
USB	2*USB2.0, 2*USB3.0
VGA	1*VGA
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
Network interface	2*1000M Ethernet interfaces
Audio interface	1*Audio I/O, support audio input and output
COM	1*RS232
WiFi antenna	2*WiFi antenna
Grounding post	1*Grounding post (GND)

Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, R_{andom}, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V~36V
Static power	18W
Broad pressure	With wide voltage (12V~36V)
WiFi	Support 2.4GHz/ 5GHz dual-band Wifi
Bluetooth	BT4.0（Optional）