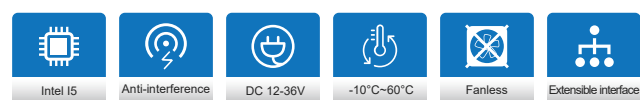


TPC185-W2710-IS4

The whole machine adopts aluminum alloy panel structure, and the front panel is IP65 waterproof; The 2.5mm low-end narrow-edge panel design is designed for the embedded installation of smart devices, and the installation is seamless. The whole machine has low power consumption and is widely used in industrial control, military, communications, electric power, network and other automation fields.

Features

- Narrow bezel design, built for flush-mounted applications
- High precision die-cast aluminum molding, efficient heat dissipation
- Waterproof and dustproof front panel
- Self-developed X86 architecture industrial motherboard
- Intel 4th Gen Core i5 processor
- Compatible with 99% of industry software, With strong expansibility
- Complies with EMC anti-electromagnetic interference standards



Model

Product Size	18.5"
Non-touch	TPC185-W2700-IS4
Capacitive touch	TPC185-W2710-IS4
Resistive touch	TPC185-W2720-IS4

I/O Interface



Specification

Screen Parameter

Display type	18.5" TFT LCD screen
MAX.resolution	1920*1080 (16:9)
Viewing angle(H/V)	89/89/89/89 (L/R/U/D)
Luminance (cd/m²)	300 cd/m²
Contrast ratio	1000:1

Touch Parameter

Touchscreen	Projection capacitive touch 10-point multi touch	Resistive touch single point	Non-touch
Light transmission	≥88%	≥78%	≥92%
Controller	USB (COM customized)	USB (COM customized)	/

Power Parameter

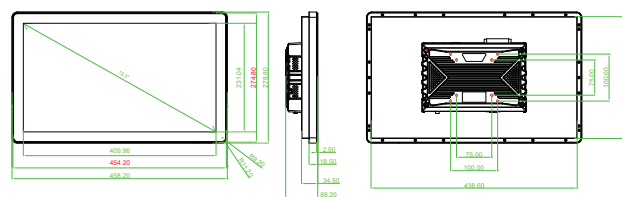
Power input	DC 12V-36V
Power adapter	24V/2.5A

Configuration

CPU	Intel 4th Gen Core i5 processor	Wi-Fi	Dual Band 2.4GHz+5GHz
Memory/RAM	Standard: 8GB (Supports up to 8GB)	Bluetooth	BT4.0(Optional)
Storage	Standard: 128GB SSD (optional: 256GB/512GB/1TB/2TB/4TB, etc.)	Watchdog Timer	Support
Integrated graphics	Intel HD Graphics 4400	RTC real time clock	Support
Operating system	Windows7/10, Linux	Timer switch	Support



Dimension



Physical Characteristic

Overall dimensions	W458.20x H278.8x D68.2mm
Material	Aluminum alloy
Color	Black, optional silve
Installation	Support Embedded installation with iron sheet/ Back-mounted Installation, etc.

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*Threaded DC port (Diameter: 5.5*2.5mm)
Industrial terminal	1*12P Phoenix terminal (Power supply/RS232*1/RS485*1/GPIO*5)
USB	2*USB 2.0, 2*USB 3.0
VGA	1*VGA
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
Ethernet	2*LAN, 10M/100M/1000M adaptive Ethernet
Audio	1*Audio I/O, Support audio input and output
Serial port	1*COM (The default is RS232, optional RS485/RS422)
Wi-Fi antenna	2*Wi-Fi antenna
Speaker	2*(8Ω2W)
Grounding	1*GND

Reliability Parameter

Operating temperature	-10°C~60°C (-20°C~70°C can be customized)
Storage temperature	-20°C~70°C
Relative humidity	95% non-condensing