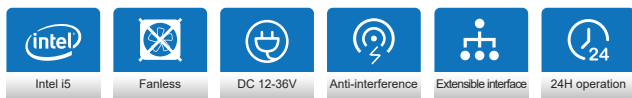


TPC104-W2210-IS4

The whole machine adopts a 3mm thin frame design that is more suitable for embedded installation, the front panel is IP65 dustproof and waterproof, and the whole machine has low power consumption, good scalability, practicability and EMC compatibility, etc., which are widely used in industrial control and military industry. Communications, electric power, networks, intelligent self-service terminal equipment and other automation applications.

Features

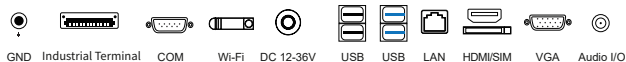
- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Pure flat panel dust-proof and waterproof.
- Self-developed X86 architecture industrial motherboard
- Intel 4th Gen Core i5 processor, frequency: 1.6GHz
- Comply with EMC anti-electromagnetic interference standard
- Compatible with 99% of industry software, With strong expansibility



Model

Product Size	10.4"
Non-touch	TPC104-W2200-IS4
Capacitive touch	TPC104-W2210-IS4
Resistive touch	TPC104-W2220-IS4

I/O Interface



Specification

Screen Parameter

Display type	10.4" TFT LCD screen
MAX.resolution	1024*768 (4:3)
Viewing angle(H/V)	80/80/80/80 (L/R/U/D)
Luminance (cd/m²)	400 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

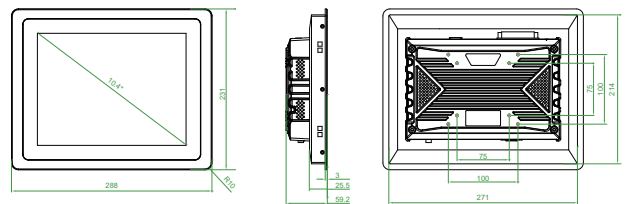
Power input	DC 12V-36V
Power adapter	24V/2.5A

Configuration

CPU	Intel Core i5-4200U Core Frequency: 1.60GHz 2 cores/4 lines	Wi-Fi	Dual Band 2.4GHz+5GHz
Memory/RAM	Standard: 8GB (Supports up to 8GB)	Bluetooth	BT4.0(Optional)
Storage	Standard: 128GB SSD (optional 128GB~512GB/1T~4T SSD, 1T/2T HDD)	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	W288 x H231 x D59.2mm
Installation size	W273 x H216mm
Material	Aluminum alloy
Color	Black, optional silve
Installation	Support Embedded/Embedded/Wall mounted/Desktop/Louver/Cantilever/Broom type installation, etc.

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*Threaded DC port (Diameter: 5.5*2.5mm)
Phoenix terminal	1*12P Phoenix terminal (DC*1/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
Wi-Fi antenna	2*Wi-Fi antenna
Serial port	1*COM (The default is RS232, optional RS485/RS422)
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