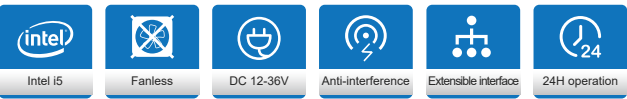


TPC080-W2210-IS4

The whole machine adopts aluminum alloy structure, fanless fully enclosed design, a variety of self-developed industrial motherboard, can meet the needs of different applications. Support a variety of installation methods, the machine low power consumption, with good scalability, practicality and EMC compatibility and other performance, widely used in industrial control, military, communications, power and network and other automation fields.

Features

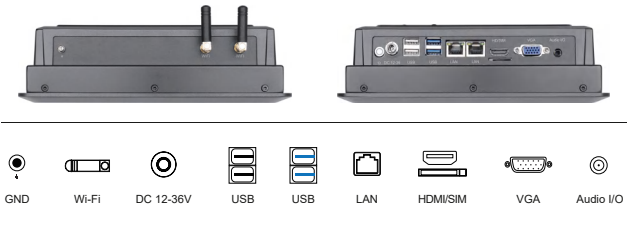
- The appearance is independent mold opening, R&D and production
- The front frame is dustproof and waterproof
- Self-developed X86 architecture industrial motherboard
- Intel 4th Gen Core i5 processor, frequency: 1.6GHz
- Comply with EMC anti-electromagnetic interference standard
- Compatible with 99% of industry software, With strong expansibility



Model

Product Size	8"
Non-touch	TPC080-W2200-IS4
Capacitive touch	TPC080-W2210-IS4
Resistive touch	TPC080-W2220-IS4

I/O Interface



Specification

Screen Parameter

Display type	8" TFT LCD screen
MAX.resolution	1024*768 (4:3)
Viewing angle(H/V)	85/85/85/85 (L/R/U/D)
Luminance (cd/m²)	300 cd/m²
Contrast ratio	800:1

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)	/

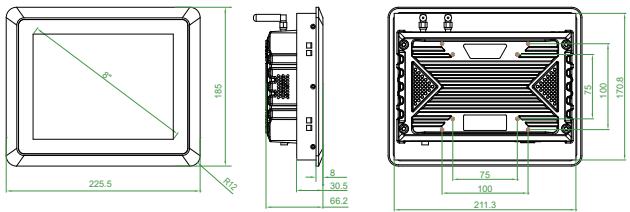
Power Parameter

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	W225.5x H185x D66.2mm
Installation size	W213.3 x H172.8mm
Material	Aluminum alloy
Color	Black, optional silve
Installation	Support Embedded/Embedded/Wall mounted/Desktop/Louver/ Cantilever/Boom type installation, etc.

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*Threaded DC port (Diameter: 5.5*2.5mm)
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
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