TPC104-W2

The whole machine adopts ultra-thin frame which is more suitable for embedded installation, aluminum alloy structure, fanless fully closed design, front panel pure flat wire drawing process, up to IP65 dustproof and waterproof, and is widely used in industrial control, military, communication, power, network, intelligent self-service terminal equipment and other automation applications.

Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Pure flat panel IP65 dust-proof and waterproof.
- Self-developed X86 architecture industrial motherboard
- Intel Celeron J1900 quad-core 2.0GHz processor
- Comply with EMC anti-electromagnetic interference standard
- Compatible with 99% of industry software, With strong expansibility

intel Intel J1900	Fanless cooling	DC 12-36V	IP65	Expand interface	24 7*24H operation

ISO FC CE CCC RoHS 10

Product Model

Product Size	10.4"
Non-touch	TPC104-W200
Capacitive touch	TPC104-W210
Resistive touch	TPC104-W220

Product Interface

GND	WIFI	DC 12-36V	USB	USB	LAN	HD/SIM	VGA	Audio Out	COM
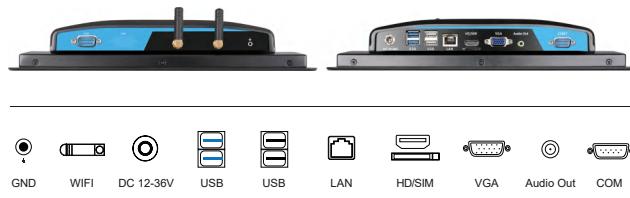
Product Specifications

Screen Parameters

LCD size	10.4" TFT LCD
Resolution	1024*768 (Aspect Ratio 4:3)
Viewing angle	80/80/80/80 (L/R/U/D)
Colour	16.7M
Brightness	400 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 J1900 quad-core 1.99GHz (Maximum 2.4GHz)
Memory	4G DDR3 1333/1600M (Optional：8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel HD Graphics
Operating system	Win7/10/Ubuntu/Centos/Redhat/Debian/Linux

Product Size
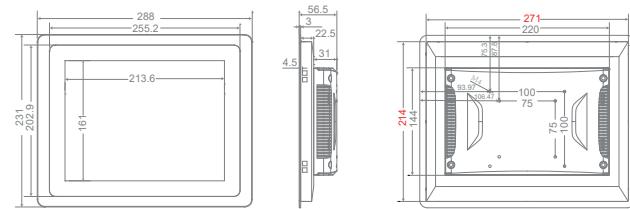
Physical Characteristics

Overall dimensions	W288x H231x D56.5mm
Size of opening	W273 x H216mm

Interface Parameters

Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	1*LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*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, Random, 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	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0（Optional）
Other support	RTC real-time clock and timing switch