

TPC101-W4

The whole machine is made of aluminum alloy flat panel, fanless and totally enclosed integrated design, with fashionable and simple appearance and scientific aesthetic feeling; It supports desktop, wall-mounted, cantilever, cantilever and other installation modes, supports 12V-36V wide voltage power supply, and has good scalability, practicability and EMC compatibility.

Features

- Stylish and simple appearance, Independent mold opening
- High precision die-casting aluminum molding, Efficient heat dissipation
- Self-developed X86 architecture industrial main version
- Comply with EMC anti-electromagnetic interference standard
- Industrial-grade quality, Suitable for a variety of harsh environments
- Support desktop, Wall-mounted and multiple installation methods



Product Model

Product Size	10.1"
Non-touch	TPC101-W401
Capacitive touch	TPC101-W411
Resistive touch	TPC101-W421

Product Interface



Product Specifications

Screen Parameters

LCD size	10.1" TFT LCD
Resolution	1280*800 (Aspect Ratio 16:10)
Viewing angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	1000:1

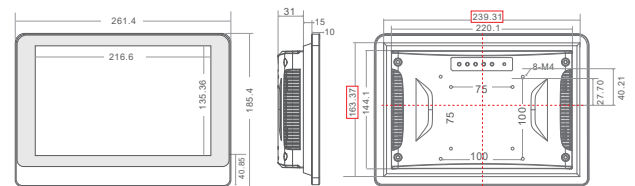
Touch Parameters

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 (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	W261.4x H185.4x D56mm
Size of opening	W241.31x H165.37mm

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 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