TPC156-W4

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

- 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



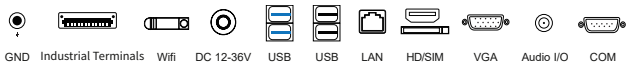


Product Model

Product Size	15.6"
Non-touch	TPC156-W401
Capacitive touch	TPC156--W411
Resistive touch	TPC156--W421

Product Interface





Product Specifications

Screen Parameters

LCD size	15.6" TFT LCD
Resolution	1920*1080(16:9)
Viewing angle	85/85/85/85 (L/R/U/D)
Color	16.7M
Brightness	300 cd/m²
Contrast ratio	800:1

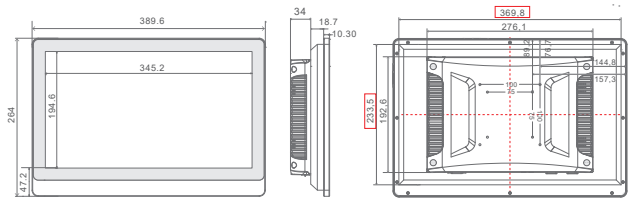
Touch Parameters

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 J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz)		
Memory	8GB DDR3 （Optional：4GB）	Broad pressure	With wide voltage (12V~36V)
Storage	64GB SSD (Optional：128GB/256GB/512GB)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 16 EUs	Bluetooth	BT4.0(Optional)
Operating system	WIN10/11, Ubuntu14.04.6/16.04.7/18.04.5/18.04.6/20.04.1/20.04.3/20.04.4/22.04 Centos7.8/8.4/7.9, Redhat7.4, Debian10.0/11.6	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W389.6X H264X D63MM
Size of opening	W371.8X H235.5MM

Interface Parameters

Power interface1	1*12P Phoenix terminal (Power supply/RS232*1/RS485*1/CAN*1/GPIO*5)
Power interface2	1*DC【5.5*2.5mm】Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*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 I/O, Support audio input and output
COM	1*RS232
WiFi antenna	2*WiFi antenna
POWER	1*POWER

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