

TPC101-W7

Made of aluminium alloy, the front panel is IP65 waterproof, the back cover is dustproof and the interface is waterproof. Capacitive touch screen, increased front panel button function, more intuitive operation; internal shockproof structure layout, specially designed for special vehicles, can meet the needs of industrial special vehicles, high speed rail dispatching platform, agricultural vehicles and other models of matching.

Features

- Anti-drop aviation connector design, shockproof and anti-drop, dustproof and waterproof
- Support ACC time delay shutdown, avoiding the impact of sudden power failure on the device
- Self-developed motherboard, quad-core powerful processor
- Optional CAN interface for easy connection with vehicles



Product Model

Product Size	10.1"
Non-touch	TPC101-W700
Capacitive touch	TPC101-W710
Resistive touch	TPC101-W720

Product Interface



WiFi	Reserved signal antenna	WiFi	USB	COM1	COM2	DC12-36V

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		

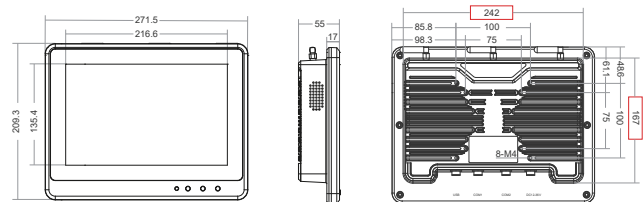
Touch Parameters

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);Upgradeable to I3/I5/I7		
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		
Broad pressure	Support 12V-36V wide voltage		
WiFi	2.4GHz/5GHz, Dual frequencyWiFi		
Bluetooth	BT4.0 (Optional)		

Product Size



Physical Characteristics

Overall dimensions	W271.5x H209.3x D55mm
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Interface Parameters

Power interface	1*waterproof airhead connector (GX12-3 pin), supports 12V~36V wide voltage power supply
USB	1*waterproof airline head connector (GX12-4 pin)
COM	2*waterproof airline head connector (GX12-4 pin)

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