

Panel PC PV10 for vehicles

Made of aluminium alloy, the front panel is IP65 waterproof, the back cover is dustproof and the interfaces are water-proof.

Capacitive touch screen and front panel buttons. Internal shockproof structure layout, specially designed for vehicles.

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

Screen Size	10.1"
Non-touch	PV10-NT
Capacitive touch	PV10
Resistive touch	PV10-RT

Product Interface



WiFi	Reservedsignalantenna	WiFi	USB	COM1	COM2	DC12~36V
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Product Specifications

Screen Parameters

LCD size	10.1" TFT LCD
Resolution	1280*800
Viewing angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

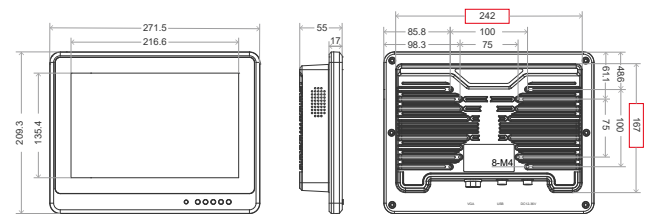
Touch Parameters

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);Upgradeable to i3/i5/i7		
Memory	4G DDR3 1333/1600M (Optional: 8G)	Broad pressure	Support 12V~36V wide voltage
Storage	64G SSD (Optional: 128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel HD Graphics	Bluetooth	BT4.0 (Optional)
Operating system	Win7/10,Ubuntu/Centos/Redhat/Debian/Linux		

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