

X86 All-in-One Panel PC for Special Vehicle

It is made of aluminum alloy. The front panel is IP65 waterproof, the back cover is dust-proof and the interface is waterproof. It is compact and durable. Capacitive touch screen, with the front panel key function added, makes the operation more intuitive; The shockproof structure layout inside the fuselage is specially designed for the needs of special vehicles such as shockproof, waterproof and dust-proof, precise positioning, and external equipment, which can meet the supporting needs of industrial special vehicles, high-speed rail dispatching platforms, agricultural vehicles and other models.

Features »

- 10.1 inch Display Size, Professionally Designed For Heavy-duty Special Vehicles.
- · Excellent In Shockproof, Dustproof, and Waterproof.
- Wide Voltage up to 12-36V, multi-power supply for option.
- Self-developed industrial motherboard, and compatible with nearly 99% of software in market
- 7*24 long-time operation in harsh environments.
- ACC delay switch, power-on delay for 5S, shutdown delay for 40S.
- CAN port is available for better connection with the vehicle.















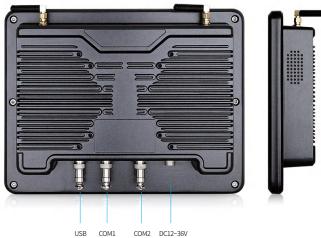
10.1"



Product Model »

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle
10.1"	TPC101-W2000	TPC101-W2010	TPC101-W2020	1280*800	16:10	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)





Product Installation







Wall mounted installation

Cantilever installation

Product Specifications »

Screen parameters							
Size	10.1"						
Resolutionfunctions	ionfunctions 1280*800						
Display Area	135.36(H) X216.576(V) mm						
Pixel pitch(mm)	0.1692(H) X 0.1692(V)						
Hardware Configuration							
CPU	Intel Celeron J1900 quad-core 1.99GHz	WiFi	2.4G+5G dual-band Wifi				
RAM	4G DDR3(Optional 8G)	Bluetooth	BT4.0(Optional)				
ROM	64G SSD(Optional 128G/256G/512G SSD. 1T/2T HDD)	GPS	Support(Optional)				
Chipset	Intel Bay trail SOC	Speaker	Support(8 \Q 3W *2)				
Graphics card	Integrated HD Graphic display core						
Operating system							
Touch Screen							
Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: ≥ 88% Input mode: handwriting or capacitive pen Controller communication: USB						
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB						
Non Touch	Touch Light transmittance: ≥ 92%						
Reliability parameters							
Working temperature	- 10 ° C~60 ° C						
Storage temperature:	Storage temperature: - 20 ° C~70 ° C						
Operating humidity Humidity: 95% non condensing							
Vibration protection	/ibration protection IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis						
Impact protection	npact protection IEC 60068-2-27, half sine wave, duration 11ms						
Product certification	CCC/CE/FCC/EMC/CB/ROHS						
Waterproof	Front panel reaches IP65 protection level						
Other parameters							
Power input	12V-36V power input						
Static power	18W						
Fuselage Properties	uselage Properties Body material: aluminum alloy, Body color: classic black						
warranty policy	cy Three years (one year free warranty)						
Installation method	Support vehicle mounted ball head rotatable bracket installat	ion, wall installation, cantile	ver installation, etc				
/O Interface							
	1* Waterproof aviation head interface (GX12-3 pin), Support 12V-36V wide voltage power supply						
Power interface	1 * Waterproof aviation head interface (GX12-3 pin), Support 12	v-36v wide voltage power	supply				
Power interface USB2.0	1* Waterproof aviation head interface (GX12-3 pin), Support 12 1* Waterproof aviation head interface (GX12-4 pin)	2v-36v wide voltage power :	suppiy				

Interface Distribution »

