Vehicle Mounted S Series

Vehicle S series includes three types of products: special vehicle industrial display, special vehicle ARM architecture all-in-one machine, special vehicle X86 architecture all-in-one machine. The body is made of aluminum alloy, the front panel is IP65 dustproof and waterproof; the internal anti-vibration structure layout of the body is specially designed for the needs of anti-vibration, waterproof and dustproof, accurate positioning and external equipment for special vehicles, which can meet the matching needs of industrial special vehicles, high-speed railway dispatching platforms, agricultural vehicles and other types of special vehicles.

- Independent research and development of various industrial motherboards is optional.
  - ARM architecture industrial motherboard
  - X86 architecture industrial motherboard
  - Display drive board
- Support multiple operating systems
  - Windows
  - Ubuntu
  - Redhat
  - Android
  - Debian
  - Linux
  - Centos
- Supports multiple touch options
  - Capacitive touch
  - Resistive touch
  - Non-touch
- Multiple colors available
  - Black
  - Silver

10.1″

Various installation methods are available

Vehicle-mounted ball head rotatable stands mounting

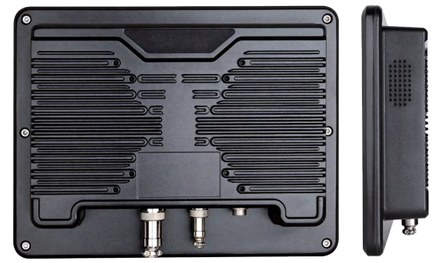
Cantilever installation

Wall mounted installation

Multiple sizes available

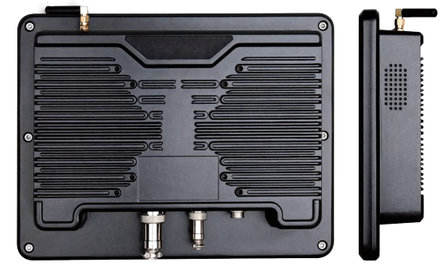
Product Size	Resolution	Screen Scale	Contrast Ratio	Brightness	Viewing Angle
10.1"	1280*800	16:10	1000:1	300cd/m²	85/85/85/85 (L/R/U/D)

Industrial Monitor for Special Vehicle



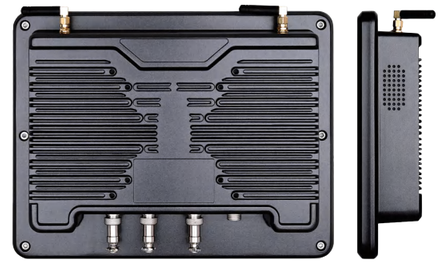
10.1" rear cover

ARM All-in-One Panel PC for Special Vehicle



10.1" rear cover

X86All-in-One Panel PC for Special Vehicle



10.1" rear cover

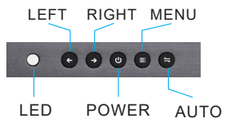
Product Features

Ultra-thin frame design

10.1 "HD widescreen is standard, and special size can also be customized to fully meet the customization needs of customers.

Support non-touch, 1 0-point capacitive touch and resistive touch are optional, with sensitive response and prec-ise touch.

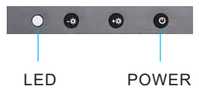
Display key panel function



Adopt high-standard industrial LCD screen, with gorgeous color, wide viewing angle and long service life.

Equipped with front convex silicone button panel, waterproof and nonslip, more convenient to use.

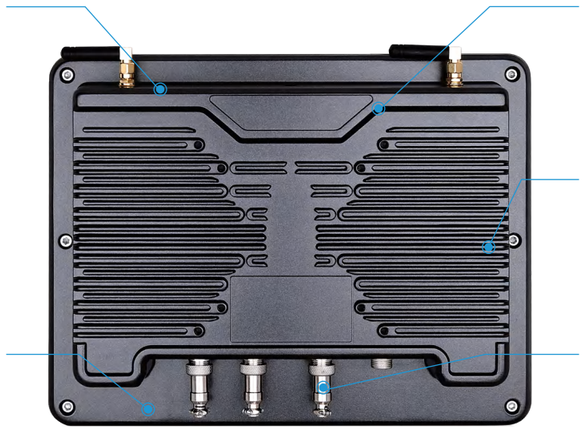
All-in-One Button Panel Functions



Industrial technology design

High precision aluminium alloy material, sturdy Impact resistance, dustproof, waterproof and anti-interference, and Corrosion resistant

Authoritative patent certification,With independent intellectual property rights and trademarks, and have passed 3C/CE/FCC/ ROHS/CB/UL/BIS/ISO certification.



Customized exclusive logo brand identification can help brand promotion and recognition.

There is a dustproof net on the surface of the horn, which has good sound pe-netration and dustproof effect.

Adopt aviation connectors which has the characteris-tics of anti-vibration, anti-falling, dustproof, water-proof and anti-oil pollution.

Motherboard Performance

Self-developed industrial-grade motherboards

X86 industrial motherboard

J1900

J4125

J6412

Display drive board

CX-2513

ARM industrial motherboard

A64

RK3288

RK3399

RK3568

RK3588

Whole machine performance protection

Moisture and corrosion resistant
Reliable PCB design, flameproof, explosion-proof, and moisture-proof

Wide voltage supply
Supports 12V-36V wide-voltage power supply to cope with unstable voltage scenarios.

Anti-vibration of the whole machine
GB2423 level vibration-proof standard of the whole machine, the use and transportation environment is not limited.

EMI/EMC anti-interference standards
The motherboard adopts active ESD protection circuit design, which has anti-interference and anti-magnetic design.

Anti-static protection
Static ESD can be passed contact ± 4KV, air ± 8KV, very strong anti-static interference protection

High and low temperature resistant design
Adopt industrial grade wide temperature motherboard, support -10℃ to 60℃ wide temperature operation

Product Parameters

Common parameter

Screen Parameters	Panel type: industrial control screen	Viewing angle: 85/85/85/85 (L/R/U/D), full view	
	Backlight type: LED, use time ≥ 50000H	Display color: 16.7M	
	Brightness: 300cd/㎡ (can be customized ≤1500cd/㎡)	Contrast ratio: 1000:1	
Touch Parameters	10-point Projection capacitive touch Light transmittance: ≥ 88% Input mode: handwriting or capacitive pen Standard protocol: USB	Single point 4-wire/5 wire resistive touch Light transmittance: ≥ 78% Input mode: Fingertip or stylus Standard protocol: USB	Non-touch Light transmittance: ≥ 92%
Environment Parameters	Operating temperature: -10 °C ~60 °C	Vibration protection: IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis	
	Storage temperature: -20 °C ~70 °C	Shock protection: IEC 60068-2-27, half sine wave, 11ms duration	
	Humidity: 95% non-condensing		
Other Parameters	Power input: 12-36V wide-voltage power input	Material: aluminum alloy	
	Static power: 18W	Body color: black, optional silver	
	Warranty policy: three years (one year free warranty)		

Hardware parameters

Industrial Monitor for Special Vehicle »

CPU	RTD2513	Video Input	PC-RGB: format Up to 1920*1080@60HZ
Menu Language	Multi language (default to English)		PC-RGB: color 16bit, 24bit, 32bit
Button Function	AUTO, MENU, POWER, LEFT, RIGHT		

X86 All-in-One Panel PC for Special Vehicle »

CPU	Intel Celeron J1900 Quad Core 1.99GHz	OS	Win7/10, Ubuntu/Centos/Redhat/Debian/Linux
	Intel Celeron J4125 Quad Core 2.0GHz		Win10/11, Ubuntu/Centos/Linux
	Intel Celeron J6412 Quad Core 2.6GHz		Win10/11, Ubuntu/Centos/Linux
Integrated Graphics	Intel HD Graphics	Wifi	Dual band 2.4G&5G
Memory	4G/8G/16G/32G optional	Bluetooth	Support
Storage	64G/128G/256G/512G SSD, 1T/2T HDD optional	Network Support	4G, Ethernet, WiFi/Bluetooth support, wireless peripheral expansion

ARM All-in-One Panel PC for Special Vehicle »

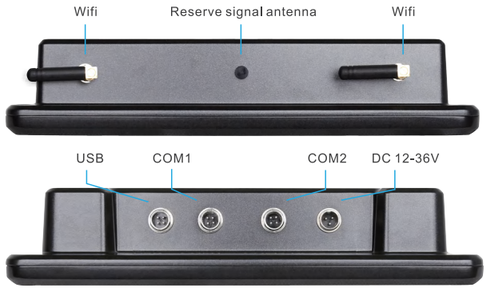
CPU	RK3288 Cortex-A17 Quad Core 1.8GHz	OS	Android 7.1/10.0/12.0, Linux4.4/Ubuntu18.04/Debian10.0
	RK3399 Six Core 64 bit, 1.8GHz		Android 7.1/9.0/11,Ubuntu18.04/Debian10.0/Linux4.4+QT
Memory	2G/4G/8G/16G/32G optional	Decoding Resolution	Supports up to 4K/60HZ
Storage	8G/16G/32G/64G/128G/256G eMMC optional		
Network Support	4G, Ethernet, WiFi/Bluetooth support, wireless peripheral expansion		

Interface Distribution

Industrial Monitor for Special Vehicle--Interface distribution

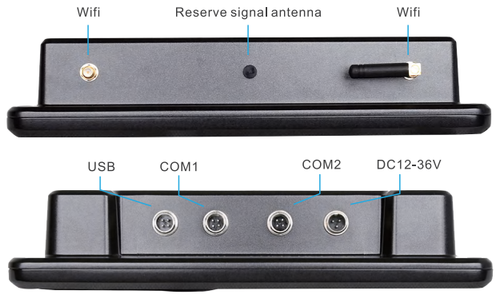
RTD2513
Motherboard Interface

X86 All-in-One Panel PC for Special Vehicle- Interface Distribution



CX-1900
Motherboard Interface

ARM All-in-One Panel PC for Special Vehicle - Interface Distribution



JWS-3288
Motherboard Interface