X86 All-in-One Panel PC for Medical Cart

Medical vehicle series products are intelligent terminal series devices specially developed for complex medical environments. This series of products are made of aluminum alloy. The front panel is IP65 waterproof, the back cover is dust-proof and the interface is waterproof. They are compact and durable. Capacitive touch screen, with the function of display key panel, makes the operation more intuitive; The shockproof structure layout inside the fuselage is specially designed for the requirements of anti vibration, anti-interference, anti-static, radiation protection, waterproof and dust-proof of medical mobile carts. It is compatible with 99% medical industry software and can meet various needs of medical mobile carts.

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.
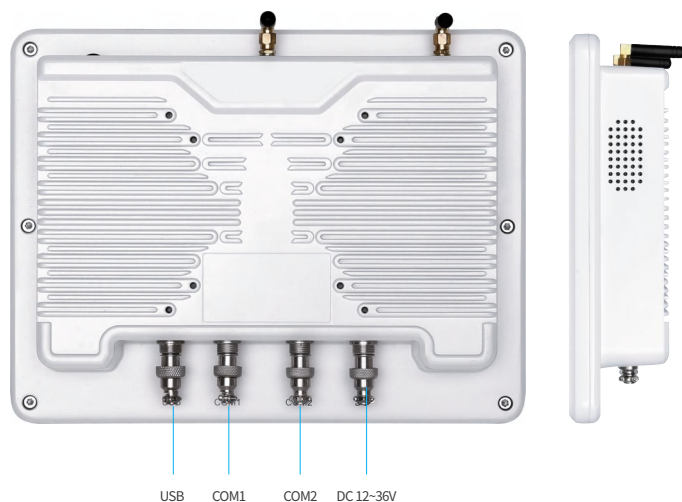
| Quakeproof | Aviation joint | ESD:±8KV~±15KV | IP65 waterproof | -20-70°C | Android 7.1 |

10.1″

ISO FC CE CCC RoHS

Product Model »

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle
10.1"	TPC101-W2002	TPC101-W2012	TPC101-W2022	800*1280	16:10	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)

Indicator   Volume-   Volume+   ON/OFF

USB   COM1   COM2   DC 12~36V

Product Installation »

Vehicle-mounted ball head rotatable stands mounting

Wall mounted installation

Cantilever installation

Product Specifications »

Screen parameters

Size	10.1"
Resolutionfunctions	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	64GB SSD (128GB/256GB/512GB SSD, 1T/2T HDD optional)	GPS	Support(Optional)
Chipset	Intel Bay trail SOC	Speaker	Support(8Ω3W *2)
Graphics card	Integrated HD Graphic display core		
Operating system	Win7/10, Ubuntu/Centos/Redhat/Debian		

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	Light transmittance: ≥ 92%

Environmental

ESD	Contact ± 8KV~air connection ± 15KV
Working Temperature	-20 ℃ ~ 70 ℃
Storage Temperature	-30 ℃ ~ 80 ℃
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, duration 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS

Other parameters

Power input	12V-36V power input
Static power	18W
Fuselage Properties	Body material: aluminum alloy, body color: Medical white
warranty policy	Three years (one year free warranty)
Installation method	Support vehicle mounted ball head rotatable bracket installation, wall installation, cantilever installation, etc

I/O Interface

Power interface	1*Waterproof aviation head interface (GX12-3 pin), Support 12V-36V wide voltage power supply
USB2.0	1*Waterproof aviation head interface (GX12-4 pin)
COM	2*Waterproof aviation head interface (GX12-4 pin)

Interface Distribution »

WiFi   WiFi   Signal antenna Reserved   USB   COM1   COM2   DC12~36V