

ARM 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, specially made for special vehicles.
- Anti falling aviation joint design, shockproof and anti falling, dustproof and waterproof.
- Self developed motherboard, four core powerful processor.
- The optional CAN interface is more convenient to connect with the vehicle.
- Support ACC delayed startup and shutdown to effectively avoid machine burning.
- SDK package is provided to support secondary development.



10.1"

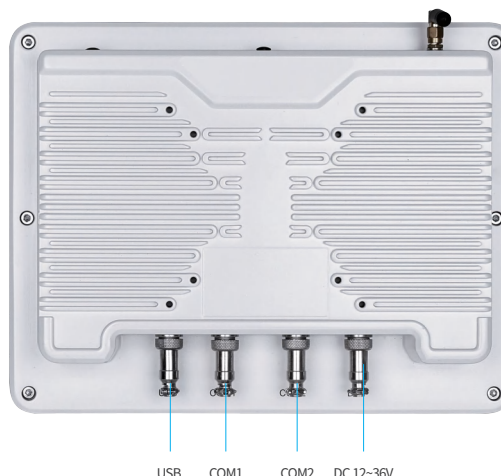


Product Model >>

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle
10.1"	TPC101-A2002	TPC101-A2012	TPC101-AV2022	800*1280	16:10	300cd/m ²	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	800*1280		
Display Area	135.36(H) X216.576(V) mm		
Pixel pitch(mm)	0.1692(H) X 0.1692(V)		
Hardware Configuration			
CPU	RK3288 Quad-core, Frequency reaches 1.8GHz	WiFi	2.4G+5G dual-band Wifi
Memory	2G DDR3 (Optional 4G/8G)	Bluetooth	BT5.0
Storage	16GB eMMC(6optional 128/256/500GB)	GPS	Support (optional)
GPU	Mali-T764	Speaker	Support （8Ω 3W *2）
Operating system	Android 7.1/10.0, Linux4.4/Ubuntu18.04/Debian10.0	RTC POWER BOIS	Support
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 °C ~ 70 °C		
Storage Temperature	-30 °C ~ 80 °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, 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 >>

