

Industrial Rugged IP68 Tablet

A10ST 4G



Product Protection

- Dustproof, waterproof, shockproof, explosion-proof

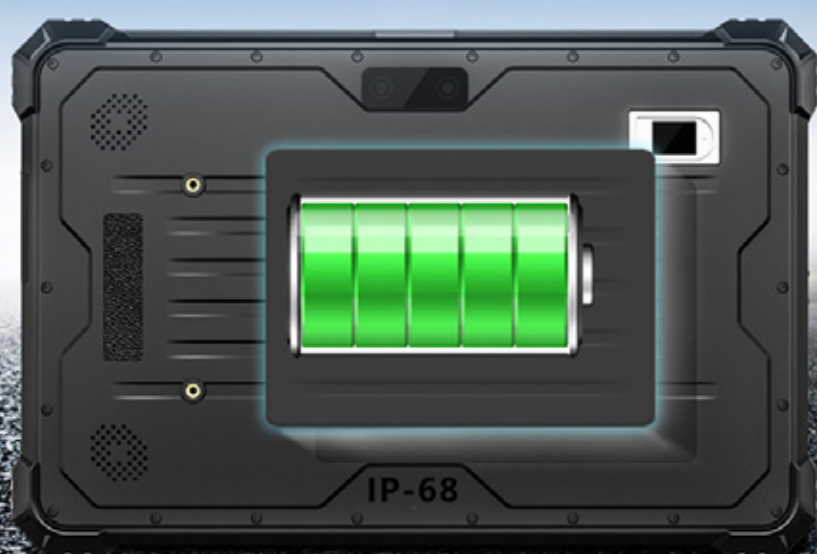
Android10 WiFi-5 CPU GPS Camera

NFC Interface ODM ID ODM 1D/2D ODM



Large Battery

- 10000mAh, high-capacity battery



Configuration

- CPU MTK6771 , 8-core , 2.0GHZ



Wireless network

4G: One Step Ahead ■



Temperature

- Withstands Extreme Temperatures:
-20 ° C to +60 ° C



Positioning

- Optional GPS, BeiDou
Galileo, GLONASS



Camera

- Front camera:8MP
Rear camera:16MP



Product form	
Configure	4+64G HD Highlight 8+128G FHD Highlight
Customized	4+64G FHD Highlight 8+128G HD Highlight
Size /weight	Bare dimensions：283.9*189.0*24.1mm/1130g In packaging：371*213*61mm/1720g
Box specifications	Quantity: 10pcs/carton；Dimension： 38.5*33*44.5cm；Gross Weight： 18.1kg
Wall hole pitch / screw	154x71.5mm/ M3*4.5mm
Color	Black , color customizable
Screen size	10.1inch , 16:10
Resolution	IPS 1280*800 /1920*1200
Screen brightness	700cd/m ² , can be customized1000cd/m ²
Tp touch screen	10-point touch G+G Corning Gorilla Glass 3, hardness 7H
Battery	10000mAh, 3.8v high voltage lithium battery, non-removable, battery life ≥ 10h (playing 1080P HD video, 50% brightness and 50% sound)Battery life ≥6h (playing 1080P HD video, 100% brightness and 100% sound) Supports custom large battery (20000mAh/3.8V, Optional Single-System BeiDou Positioning)

Data collection	
1D/2D scanner (custom function)	Standard version (N1) 0.3M pixels + depth of field Code 39 5mil 65~150mm + red light Reading code system: 2D: PDF417, QR Code, Micro QR, Data Matrix 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UC-C/EAN- 128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSI-Plessey High-end version (N670) 1.0M pixels + depth of field Code 39 5mil 45~200mm + cross laser Read code system：： 2D：QR Code, Data Matrix, PDF417 , Han letter code , Dotcode 1D：UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25, Standard 25, Codabar,M-SI/MSI PLESSEY, GS1 DataBar OCR：Support OCR-A , OCR-B
ID (Customisation)	ID card reader module
UHF (Customisation)	(optional) distance1：≤3M , Service frequency 840-960MHz distance2：≤5M , Service frequency 860-960MHz distance3：≤15M , Service frequency 840-960MHz
HF (Standard)	13.56MHz frequency, supporting protocols (ISO 14443A/B, 15693) with a read range of 1-3 cm
LF (ODM)	support 125kHz distance：1-3cm
Fingerprint (ODM)	1: Ordinary industrial fingerprint 2: Fingerprint certified by the Ministry of Public Security 3: FBI certified fingerprint
Intercom handset (ODM)	Customized optional aviation plug or serial port connection
RTK High-Precision Positioning (Customisation)	Positioning Accuracy Standalone (RMS): Horizontal 1.5 m Vertical 2.5 m DGPS (RMS):Horizontal 0.4 m Vertical 0.8 m RTK (RMS):Horizontal 1 cm + 1 ppm Vertical 1.5 cm + 1 ppm

Mainboard reserved expansion interface	
Extension Interface	3.3V-1A/5V-1A power supply, UART interface, interface level 3.3V, USB2.0 interface,5V 1A power supply
Other	
Adapter	5V/3A , DC interface adapter
Accessories	Strap/Charging Dock/Stand (optional)

Explosion-proof information	
Explosion-proof version (optional)	EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof

Hardware configuration	
Speaker, receiver, microphone	(speaker 2W/8Ω)*2 , MIC*1 , receiver*1
CPU	MTK6771 , octa core , 2.0GHZ
RAM/ROM	4+64GB /8+128GB
Gravity sensor	Support
compass	Support
Gyro	Support
Light sensor	Support
Distance sensor	Support
Fm Radio	Support

System	
System	Android 10
camera	
camera	Front camera: 8MP fixed focus (custom16MP) Rear camera: 16MP auto focus 1A true flash

Buttons	
Buttons	Power button*1 , Volume keys*2 (Vol+ , Vol-) Custom keys*2 (P key, F key)

Wireless connection	
WIFI	WIFI 802.11(a/b/g/n/ac) Frequency 2.4G+5.8G Dual frequency WIFI
Bluetooth	BT 4.2 (BLE) class1 transmit distance:10m
2G/3G/4G	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TD-SCDMA: B38/B39/B40/B41 CDMA2000 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66/B71 LTE-TDD: B38/B39/B40/B41
Positioning	GPS, Beidou, Galileo, GLONASS , Optional Single-System BeiDou Positioning
NFC	I ² C interface, 13.56MHZ supports 14443A/14443B/15693 and other protocols, which is consistent with the NFC application of Android phone type (The card reading area is default on the back of the fuselage and can be customized in the front)

Ports	
Type -C	*1 , Type-C USB2.0 adapt OTG
Type -A	*1 , Type-A USB2.0
Earphone Jack	*1 , 3.5mm Standard Earpiece jack
TF Card	*1 , Maximum support 256GB expansion
SIM Card	*1 , Standard Micro SIM card slot
HDMI	*1 , micro HDMI
DC jack	*1 , 5V/3A 3.5mm
POGO pin	*1 , 12Pin USB+Charge
RS232	*1 , （ serial port ）
RJ45 jack	*1 , 100M

Product reliability	
Drop height	Meets the requirements of (GJB 150.18A-2009, GJB 150.1A-2009) and (MIL-STD-810H) for the 1.22-meter drop test
Working temperature	-20℃~60℃ （ Custom-30℃~60℃ ）
Storage temperature	-30℃~70℃ （ Custom-40℃~70℃ ）
Humidity	Humidity: 95% Non-Condensing
Certificates	IP68, 3C, CE, US military standard-810H certification,energy saving certification, ISO quality certification system, ROHS, three-proof salt spray test

Product Highlights

01

HD

High-Res Bright Display Outdoor Strong Visibility

10.1-inch IPS 700cd/m² Glove Touch Wet-Hand Customizable

The 10.1-inch IPS panel delivers crisp 1920 × 1200 resolution, with 700cd/m² brightness remaining clearly readable under direct sunlight. Rubber-glove touch is supported for precise operation, and wet-hand touch can be customized on demand for rainy-day work. G+G construction with AF anti-fingerprint coating, hardness ≥ 7H, scratch-resistant for long-term use. Brightness customizable to 1000cd/m² ultra-bright for extreme glare, with standard-resolution versions flexibly selectable to fit different environments and budgets.

02

Octa-Core Power Android 10 Smooth

MTK6771 Octa-Core 4GB/8GB Options 4G Global

Powered by the MTK6771 octa-core processor (4 × A73@2.0GHz + 4 × A53@2.0GHz) with the Android 10 industrial OS, multitasking runs smoothly without lag. The 10.1-inch display provides ample workspace for multi-window dispatching and data visualization. The 4GB+64GB base version handles routine MES terminals, while the 8GB+128GB version tackles video backhaul and cloud collaboration. 4G global band coverage keeps you connected across field inspections and vehicle-mounted operations. OTA upgrades deliver security patches, and memory configurations adjust per project needs. Stable performance with a lasting smooth experience. Reliable quality, built to last.

03

Triple-Proof+Explosion-Proof Harsh Conditions No Fear

IP68 Optional Ex Version 1.22m Drop -20 ° C~60 ° C

IP68 dust-tight and waterproof, surviving 1.22m drops. Optional Ex Class II petrochemical explosion-proof version for compliant use in petrochemical plants and oil-gas pipelines. Operating range -20 ° C to 60 ° C ensures reliable startup in extreme weather, with optional -30 ° C low-temperature customization for extreme cold. Certification upgrades available: KA Class I mining safety and MA Class I coal safety versions for underground mining access. The rugged industrial chassis with reinforced corners and sealed gaskets keeps out sand and dust, providing a stable, fatigue-free grip. Reliable quality, built to last.

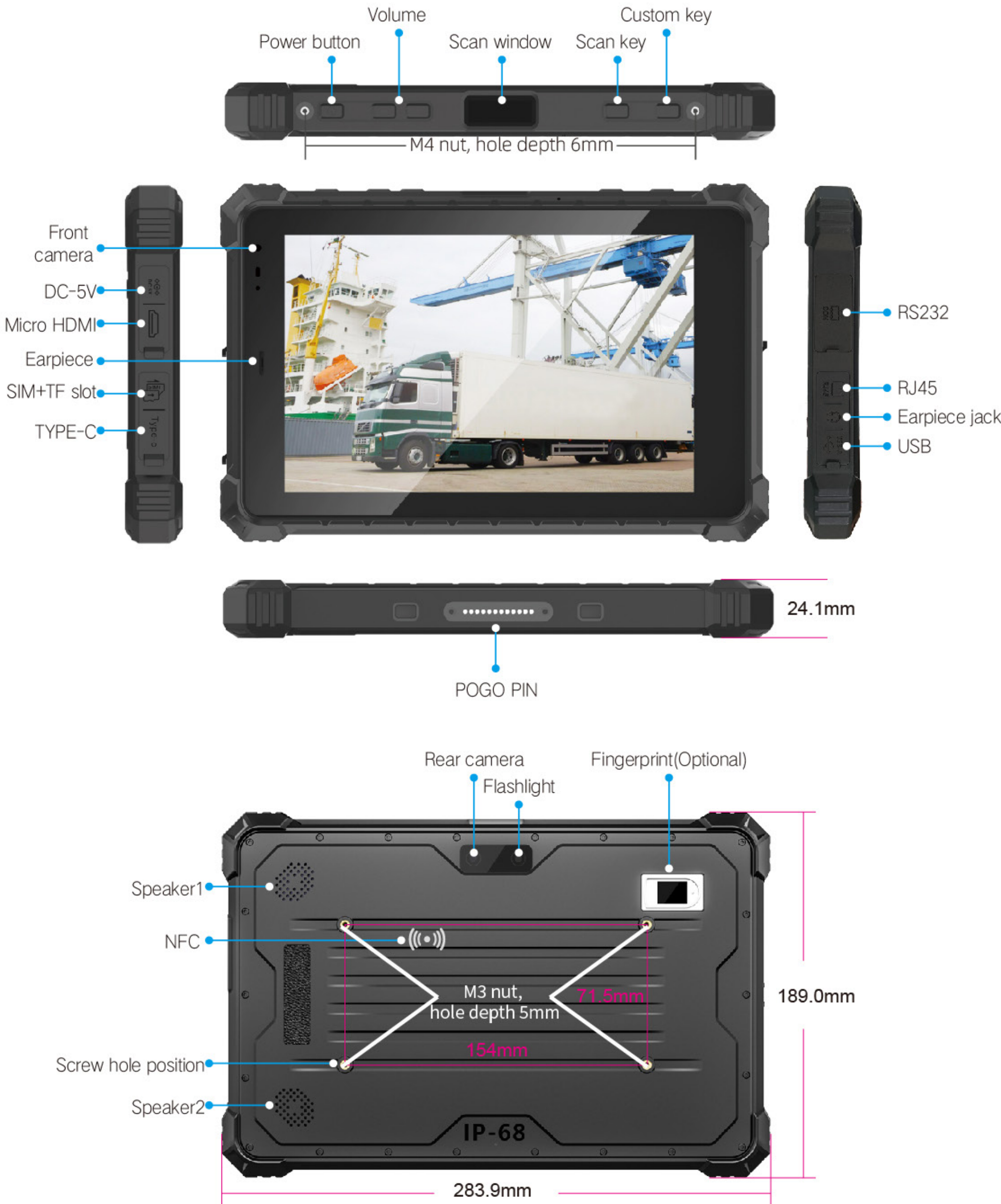
04

Industrial Full Interface Plug and Play

Type-C+USB+HDMI+RS232+POGO

Full industrial interface configuration: Type-C supports OTG and data transfer; USB-A connects flash drives and keyboards; Micro HDMI extends to large screens; RS232 serial port interfaces with industrial control equipment; RJ45 100M Ethernet connects directly to PLCs and switches; 12-pin POGO PIN dock enables charging and expansion; 3.5mm headphone jack supports voice intercom. Ergonomic layout keeps ports clear in one-handed use without cable tangling on the desktop. Dust plugs block dust and moisture. Paired with optional 2D scanning, ID card, fingerprint, and UHF modules, it forms an integrated data collection and device control terminal.

Interface



» Usage Scenarios



Exploration Surveying



Oilfield extraction



Smart Manufacturing



Medical cold chain



OBD inspection



Emergency rescue

» Accessories



Two-point harness (optional)



Two-point carry handle (optional)



Vehicle mount (optional)



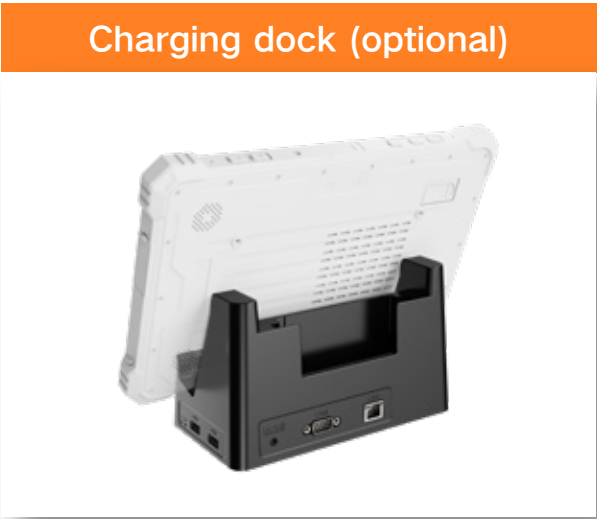
Leather case (optional)



Crossbody bag (optional)



Four-point harness (optional)



Charging dock (optional)