

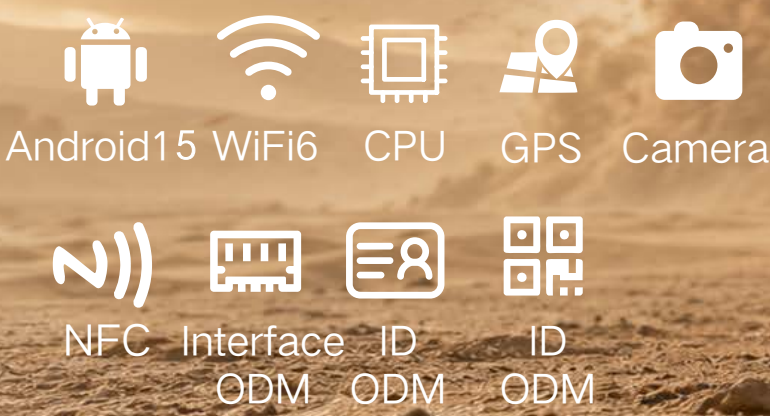
5G Rugged Tablet: Built for Speed

NTC181



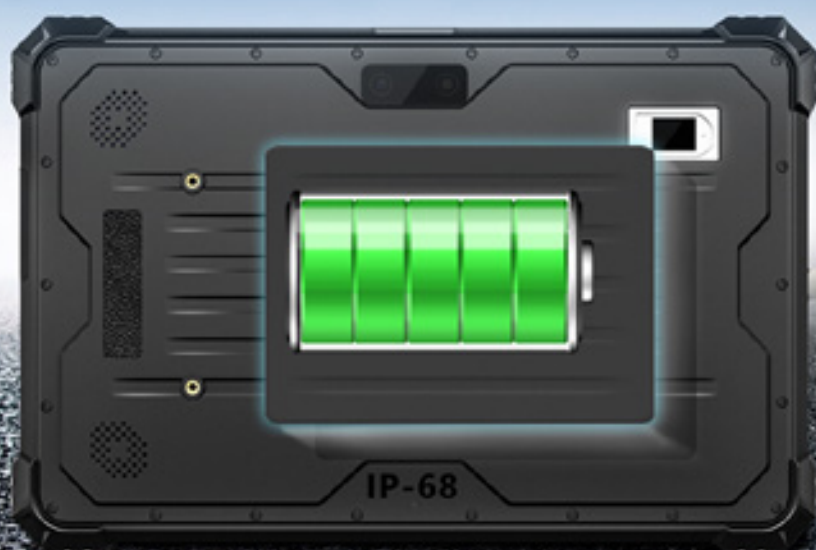
Product Protection

- Dustproof, waterproof, shockproof, explosion-proof



Large Battery

- 10000mAh, high-capacity battery



Configuration

- CPU MTK6877, 8-core, 2.4GHZ



Wireless network

5G: 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 Highlights

01

HD

8-inch screen

IPS 1920*1200
700cd/m²

Featuring a 8-inch touchscreen with core performance tailored to practical needs: supports operation with medical rubber gloves and adapts to high-frequency use across multiple scenarios; Screen hardness ≥7H ensures scratch and wear resistance, minimising marks during prolonged use. Standard specifications include 1920 × 1200 high-definition resolution and 700 cd/m² brightness, maintaining clarity in bright light without requiring shaded operation. Flexible customisation options are available, including a 1000 cd/m² ultra-bright display for extreme sunlight conditions. An optional wet-hand touch function adapts to humid working environments.

02

High-capacity battery

10000mAh/
3.8V

Standard configuration: 10,000mAh/3.8V high-voltage lithium battery with intelligent battery management system. Precisely regulates charge/discharge cycles to effectively prevent overcharging, over-discharging and low-temperature power depletion, extending battery cycle life. Under 1080P HD video playback conditions (50% brightness + 50% volume), battery life ≥10 hours. For demanding outdoor surveying operations, a bespoke 20,000mAh/3.8V high-capacity battery solution is additionally available, delivering robust power support for diverse operational requirements. Customisable explosion-proof battery configurations are also supported to meet critical emergency usage scenarios.

03

Robust Design

IP68 protection

Certified to IP68 protection standards and tested for 1.2m free-fall drops, it withstands harsh environments including damp and dusty conditions. Strictly conforming to both Chinese and US military standards for product durability, it operates across an ultra-wide temperature range of -20 ° C to 60 ° C. Customisable explosion-proof versions are available, certified to domestic petrochemical, coal mine, and mining safety standards, alongside international ATEX and IECEx explosion-proof certifications. This ensures reliable equipment operation in extreme hazardous scenarios such as chemical plants and mines, meeting critical operational requirements and providing dependable safety support for hazardous tasks.

04

Customised Services

Multiple modules available

We provide professional and robust module customisation services, enabling precise tailoring of core components including 1D/2D bar-code scanning, UHF/HF/ low-frequency radio frequency modules, ID card recognition modules, fingerprint capture modules, and RTK high-precision positioning modules. These solutions are deeply tailored for diverse industry scenarios including mining, manufacturing, transportation, healthcare, and surveying, precisely addressing core operational requirements such as identity verification, data collection, and location tracking. Additionally, we provide end-to-end private module installation services to resolve specific pain points in specialised scenarios.

Interface



» Usage Scenarios



Security surveillance



Warehouse



Power Management



Cold Chain Management



Surveying and Mapping

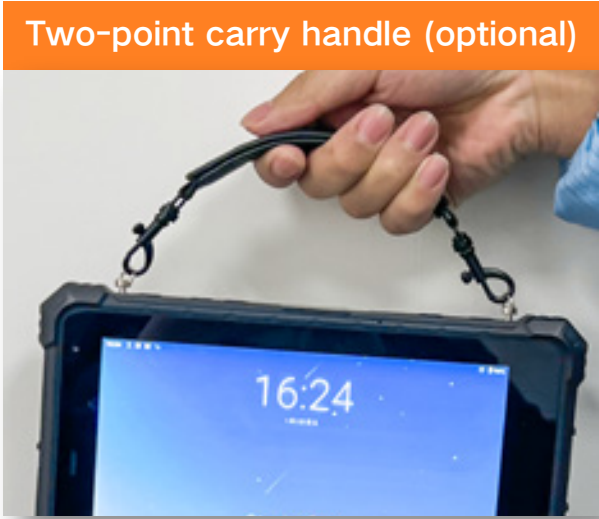


Smart Agriculture

» Accessories



Two-point harness (optional)



Two-point carry handle (optional)



Vehicle mount (optional)



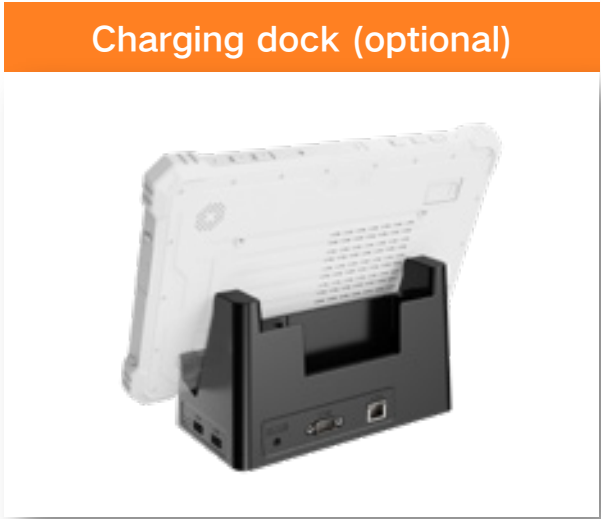
Leather Case (optional)



Crossbody bag (optional)



Four-point harness (optional)



Charging dock (optional)