

Rugged Tablet Built to Last

A109TB 4G

Lightweight

- As thin as 13.9mm, weighing 842g

Android14 WiFi-5 CPU

NFC Camera GPS



Thickness: 13.9mm

Large Battery

- 20000mAh, high-capacity battery



Configuration

- CPU MT6789V, 8-core, 2.2GHz

Wireless network

- 4G: One Step Ahead

4G



Temperature

- 10 ~ +50°C



Multi-system

- Android 14 Stock System

Android 14

MDM
Supports custom MDM

Adaptation
Provided free of charge

OTA
Over-the-air update

Android14



Camera

- Front camera:8MP
Rear camera:32MP



8MP
Front camera



32MP
Rear camera



Product form	
Configure	8+128G HD Highlight
Size /weight	Bare dimensions：263.9*175.5*13.9mm/842g In packaging：340*204*35mm/1250g
Wall hole pitch / screw	154x71.5mm/ M3*4.5mm
Color	Black , color customizable
Screen size	10.95inch , 16:10
Resolution	IPS 1920*1200
Screen brightness	700cd/m²
TP touch screen	10-point touch G+FF Corning Gorilla Glass , hardness 7H
Battery	20000mAh, 3.8v high voltage lithium battery, non-removable, battery life ≥ 16-18h (playing 1080P HD video, 50% brightness and 50% sound)

Data collection	
1D/2D scanner (custom function)	N1 Scan module: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

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

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	-10℃~50℃
Storage temperature	-15℃~55℃
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
CE-NB	YES
MIL-STD-810H	YES
CCC	YES

Other	
Adapter	PD3.0 5V-3A/9V-3A/12V-2.5A/15V-2A/20V-1.5A , TYPE-C power supply
Accessories	Strap/Stand (optional)

Hardware configuration	
Speaker, receiver, microphone	(speaker 2W/8Ω)*2 , MIC*1 , receiver*1
CPU	MT6789V , 8- core , 2.2GHZ
RAM/ROM	8+128GB
Vibration motor	Support
Gravity sensor	Support
Compass	Support
Gyro	Support
Light sensor	Support
Distance sensor	Support

Camera	
camera	Front camera: 8MP fixed focus Rear camera: 32MP auto focus 1A true flash

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

System	
System	Android14

Wireless connection	
WIFI	802.11 (a/b/g/n/ac) Dual-band Wi-Fi 5 operating at 2.4 GHz and 5.8 GHz
Bluetooth	BT5.0 (BLE) class1 transmit distance:10m
2G/3G/4G	GSM: B2/B3/B5/B8 WCDMA:B1/2/4/5/8 LTE-FDD: B1/2/3/4/5/7/8/12/17/18/19/20/25/26/28AB/66 LTE-TDD: B38/B39/B40/B41
Positioning	GPS, Beidou, Galileo, GLONASS
NFC	13.56MHZ.Support14443A/14443B/15693 and other protocols

Ports	
Type -C	*1 , Type-C adapt OTG
Hybrid TF/SIM Combo Slot (holds any two cards)	TF card slot, supporting up to 256GB expansion SIM card slot, standard Nano SIM card slot
POGO PIN	*1 , 12Pin USB+Charging

Product Highlights

01

HD

10.95-inch screen

IPS 1920*1200
700cd/m²

10.95-inch IPS display with 1920 × 1200 high resolution and 700 cd/m² screen brightness enhance the device' s readability under extreme lighting conditions such as direct sunlight. 10-point touch G+FF technology, combined with tempered glass boasting a hardness ≥7H, ensures responsive and precise touch operation while significantly improving the screen's scratch and wear resistance. Support for medical rubber gloves and a customisable wet-hand touch-screen function further enhances the device's interactive suitability in specialised working environments.

02

Battery

High-capacity battery

20000mAh/
3.8V

Equipped with a 20,000mAh, 3.8V high-voltage non-removable lithium battery, it employs advanced power management chips and intelligent energy-saving algorithms to meticulously regulate power consumption across all hardware modules. In a typical usage scenario involving playback of 1080p high-definition video at 50% brightness and 50% volume, the device delivers a battery life of ≥16 – 18 hours. This fully meets the sustained usage requirements of users in extended outdoor operations, mobile office environments, and other scenarios without access to external power sources.

03

Flame

Slim Design

IP68 protection

The device features a slim and light-weight design, measuring just 13.9mm thick and weighing 848.0g, ensuring portability across diverse scenarios. Its robust construction delivers IP68-rated protection, complying with relevant specifications in GJB and MIL-STD-810H standards. Its robust chassis structure and internal cushioning effectively mitigate impact damage to precision electronic components during accidental drops, ensuring continued functionality after external shocks.

04

Chip

Highly powerful

8-Core CPU
8GB+128GB

Featuring the MT6789V octa-core central processing unit with a clock speed of 2.2GHz, it delivers formidable multitasking capabilities and data processing efficiency. Paired with 8GB RAM and 128GB storage, it responds swiftly to complex application requests with minimal latency, ensuring seamless multitasking without lag. Supports dual-band Wi-Fi 5, Bluetooth 5.0, automatically selecting the optimal frequency band based on the environment to achieve high-speed, low-latency device connectivity. It also integrates multiple satellite navigation systems including GPS, BeiDou, Galileo, and GLONASS. Through multi-source satellite signal fusion processing algorithms, it delivers high-precision, rapid positioning and navigation capabilities.

Interface



Manual measurements are subject to error; the actual product shall prevail

» Scene diagram



» Accessories

