

TA10

Rugged Handheld Scanner



Super Octa-core CPU Full Upgrading

Equipped with a super OCTA-core A73 processor with a main frequency of 2.1GHz, the performance of the CPU of TA10 is improved by 30% compared with similar devices of existing mainstream manufacturers, and it has an upgraded operating system android 10.0, which provides a more stable, smoother and more complete application experience for work.

Excellent Scanning Performance

Equipped with a self-developed scanner, the scanning performance is strong, and it can accurately and quickly read all kinds of 1D and 2D barcodes. No matter they are stained, old and faded, or the barcodes displayed on the screen, it can be accurately read and flexibly applied to different application scenarios.

6000mAh Removable Large Battery, 18W Fast Charge

For the continuous use of the courier's operations, TA10 is equipped with a 6000mAh large battery and adopts the TYPE-C super fast charging solution. According to the current charging status of the battery, it can intelligently output voltage and current to directly charge the battery, which effectively improves the charging efficiency.

Thin and Light IP67 Design

With 5.45-inch HD+ full screen and a window ratio of up to 90%, through its own hardware and structural optimization, the design is more in line with ergonomics. TA10 adopts industrial-grade two-color injection molding process design together with steel sheets injection for one-piece molding, supporting falling up to 1.5 meters, and the three-proof grade is as high as IP67, which greatly increases the life cycle.

TA10 Specification

System configuration

CPU	MT6771 (Octa core, main frequency 2.1GHz)	
OS	Android 10.0	
Memory	64GB ROM+6GB RAM	
Expansion Slots	MicroSD card (UP TO128GB, SDHC)	
Display	5.45", 720*1440, HD+ 18:9, LTPS technology	
TP	GFF10 Points touch, gloves mode/wet hand operation	
Front Camera	5MP (FF)	
Rear Camera	13MP PDAF Quick Focus+Night light	
Touch Cover	Tempered glass	
Keypad	3 virtual, 4 physical buttons on the side (1 switch)	
Battery	Battery	6000mAh/5000mAh Polymer battery, replaceable; discharge temperature -20~60
	Fast charge	9V/2A
Speaker	Spec.	1217dual speaker>98dB
	Prompt	Vibration prompt/LED prompt/audio prompt
	Vibration Motor	Built-in vibration motor, even vibration, no abnormal sound
	Sensors	Optical distance sensor/gravity sensor/gyroscope/geomagnetic sensor/air pressure sensor

Structure Parameters

Dimension (LxWxD)	159mm×75.9mm×16.5mm
Weight (g)	248g

Data Transfer

Wireless wide area network (Network frequency)	GSM: B2/B3/B5/B8 TD-SCDMA: B34/B39 WCDMA: B1/B8 TDD-LTE Bands: B34/B38/B39/B40/B41 LTE_FDD: B1/B2/B3/B8 CA: B3+B3 2CA; B1+B3 2CA
Wireless wide area network (data service)	GSM/TD-SCDMA/WCDMA/TDD LTE/FDD LTE
WLAN	Wi-Fi 802.11 a/b/g/n/ac(DUAL:2.4GHz+5GHz)
Bluetooth	Bluetooth 5.0
GPS	Support GPS/AGPS/Glonass/Beidou

Develop Tools

Developing Tools	Android SDK
Supported language	Java

Using Environment

Working Temperature	-20~60°
Storage Temperature	-40~60°
Humidity	0~95%
Drop Height	Marble 2M, concrete 1.5M
IP Grade	IP67
Electrostatic Discharge	±12K air discharge±8K contact discharge

2D Scanning Engine

Scanning Engine	Zebra 4770/Self-developed Scanner
Optical Resolution	1280*800 pixes/844*640 pixes
Scan Accuracy	≥3mil, Code 39/128
Scan Angle	Tilt:360°, Pitch:±45°, Skew:±60°
Laser Safety Grade	Class II

NFC

Frequency	Support 13.56 MHz
Reading Distance	Longest 2cm
Protocol	ISO14443A/ISO14443B
Special Feature	Support non-contact CPU card operation, support 2nd generation ID card reading

Input Output Ports

USB Port	One, Type-C USB port
Charger Port	One, Type-C USB water-proof port
OTG	Support

Accessories

Standard Accessories	Charger, data cable, battery, lanyard, tempered film
Optional Accessories	Protector



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