P501

LABEL PRINTER INTEGRATED HANDHELD TERMINAL

5.5-inch HD display · Octa-core processor · Sticker one-piece printing

Android	4G	WIFI	Bluetooth	Sticker print	1D barcode	2D barcode	NFC	PSAM	Camera	GPS

Product parameters

Performance

Octa core

CPU	Cortex-A53 Octa core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB/4GB+64GB
Expand memory	Micro SD(TF) Supports up to 256GB
System	Android 10.0/Android 13.0

Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol
WWAN	2G：GSM（850/900/1800/1900mhz）
	3G：WCDMA（850/900/1900/2100mhz）
	4G：FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth 5.0+BLE Transmission distance 5-10 meters
GNSS	Support Gps, Galileo, Glonass, Beidou

Physical parameter

Dimensions	179mm×74.5mm×22.5mm (the thinnest) 49.5mm (the printing part)
Weight	＜500g (Depends on device function configuration）
Display	5.5 inch IPS color display with resolution 720×1440
Screen brightness	＞500lux
TP	Supports multi-touch
Battery capacity	Rechargeable polymer battery 7.6V 2750mAh （Equal to 3.8V 5500mAh) ,removable
	Standby time >350 hours
	Charging time 3-4H, Using standard power adapter and data cable
Expansion Card slot	Micro SIM card x 1 , TF card × 1, PSAM×2（Optional）
Communication interface	Type-C USB x 1, OTG
Speaker volume	＞93db (test distance 10cm)
Audio	Speaker (mono), Microphone, Receiver
Main keys	Home key, Delete key, Back key,Confirm key
Side keys	Silicone keys: Power key, Volume +/- key, Scan key ×2
Sensors	Gravity sensor, Light sensor, Proximity sensor, Vibration motor

Data collection

Barcode scanning (Optional)

2D Scanning engine	Honeywell N5703 N6703,6602 6602-W2
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS,etc. Postal Codes:USPS Planet, USPS Postnet, China Post, Korea Post, Australian Postal, Japan Postal, Dutch Postal (KIX), Royal Mail, Canadian Customs,etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, HanXi,etc.

Thermal sticker printer（Standard）

Printing speed	70mm/s
Print points	384 dots
Paper slot	58mm
Paper diameter	35mm
Paper type	Support for Sticker / label Black mark printing

Camera（Standard）

Rear camera	13MP HD camera,Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	2MP color camera

ID Card(Optional)

Radio frequency technology	Comply with ISO/IEC 14443 type B standard, GA450-2003 General Technical Requirements for desktop ID card Reader, 1GA450-2003 General Technical Requirements for desktop ID Card Reader Amendment No. 1 (draft)
Security module	Radio frequency technology
Distance	0~5cm
Reading time	＜1.55s
Frequency	13.5MHz±7kHz

NFC (Optional)

Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm

Language/input method

Input	English, Pinyin, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Malaysian,etc.

User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	6 sides Supports 1.2 meters drops on the marble within the operating temperature
Rolling test	0.5m rolling for 6 sides, can still work steadily
Sealing	IP54

Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual