



P501

LABEL PRINTER INTEGRATED HANDHELD TERMINAL

Android 10.0 system · Sticker one-piece printing

5.5-inch HD Durable large Display



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 128GB
System	Android 10.0

Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Supporting IEEE 802 a/b/g/n/ac 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) 49.5 (the printing part)
Weight	<500g (Depends on device function configuration)
Display	5.5 inch IPS color display with resolution 720×1440
TP	Supports multi-touch
Battery capacity	Rechargeable polymer battery (7.6V 2750mAh) removable
	Standby time >350 hours
	Working time > 12 hours
	Charging time 3-4H, Using standard power adapter and data cable
Expansion Card slot	Nano SIM card x 1 , TF card × 1, PSAM×2 (Optional)
Communication interface	Type-C USB x 1, OTG
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	Newland E483 Honeywell N5703 N4603 N6703 N6603
1D Symbolologies	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E, Codabar,Interleaved 2 of 5,China post 25,ISBN/ISSN,Code93,UCC/EAN-128,GS1 Databar,HIBC,etc.
2D Symbolologies	PDF417, Micro PDF417,GS1 Composite,Aztec Code,Data Matrix,QR Code, Micro QR Code, Maxicode,Hanxin Code,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
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Special Note: Product data is for reference only and subject to change without notice. model: P501 Update: 2023-4-12



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