SENTER®

V22

Handheld printing terminal

Functions

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

Product parameters

Performance

CPU	Cortex-A53 Octa core 64-bit 2.0GHz high-performance processor
RAM+ROM	3GB+32GB/6GB+64GB
Expand memory	Micro SD(TF) Supports up to 256GB
System	Android 11

Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Support IEEE 802.11ac/a/b/g/n/d/ protocol
WWAN	2G：GSM（850/900/1800/1900mhz）
	3G：WCDMA（850/900/1900/2100mhz） TD-SCDMA:A/F(B34/B39)
	4G：FDD:B1/B3/B4/B5/B7/B8/B17/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	177mm×72.5mm×21.5mm (the thinnest) 44.5 (the printing part）
Weight	＜400g (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 3000mAh （equal to 3.8V 6000mAh) ,removable
	Standby time >360 hours
	Working time > 13 hours
	Charging time 3-4H, Using standard power adapter and data cable
Expansion Card slot	Nano SIM card x 2 , TF card × 1, PSAM×2（Optional）
Communication interface	Type-C USB x 1, OTG
Audio	Speaker (mono), Microphone, Receiver
main keys	Menu key, Home 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	Minde 660 Zebra SE4710 Honeywell N5703
1D Symbologies	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 Symbologies	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

Rear camera	13MP HD camera,Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	8MP color camera (Optional)

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	IP65(Except for the print head section)

Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual、certificate