



U9100U

MULTI-FUNCTION DATA TERMINAL

5.0-inch HD Screen · Octa-core Processor · 4G Full Netcom



Android



4G



WIFI



Bluetooth



1D barcode



2D barcode



PSAM



NFC



Camera



GPS



UHF



Fingerprint



ID card



Infrared



Product Specifications

Performance

Octa Core	
CPU	MT6762 Octa core 64 bit 2.0 GHz high performance processor
RAM+ROM	4GB+64GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	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 Bluetooth5.0 Transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou

Physical Specifications

Dimensions	178mm×78mm×24mm
Weight	<500g
Display	5.0 inch IPS color display with resolution 720*1280
Screen brightness	>450cd/m2
TP	Support multi-touch
Battery capacity	Rechargeable polymer battery (3.7V 4800mAh) removable
	Standby time >350 hours
	Charging time <4H, using standard power adapter and data cable
Expansion Card slot	PSAM x 2, Micro SIM card x 1, TF card x 1, POGO Pin x 1
Communication interface	Type-C USB x 1, OTG
Speaker volume	>81db (test distance 10cm)
Audio	Speaker (mono), Microphone, Receiver
Keypad	13 soft silicone buttons
Sensor	Gravity sensor, Vibration motor

Language/Input Method

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

Data Collection

Barcode Scanning	
1D Scanning engine	Mindeo 966 Honeywell N4313
1D Symbolgies	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 Scanning engine	Honeywell N5703 N6703 6602-W2
2D Symbolgies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, HanXi, etc.

Camera (Optional)

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

Infrared (Optional)	
Wavelength	940nm
Frequency	38kHz
Distance	>4m
Protocol	DLT_645-2007, DLT_645-1997

Fingerprint recognition (Optional)

Frequency	Configure TCS semiconductor sensor with live identification technology
Collection area	11.3×12.4mm
Resolution	508 dpi, 8-bit grayscale
Extraction format	ISO 19794, WSQ, ANSI 378, JPEG2000
Secure encryption	AES, DES key encryption for host communication channel

ID card identification (Optional)

Radio frequency technology	Comply with ISO/IEC 14443type B standard, and "GA 450-2003 desktop resident ID card reader general technical requirements", "1GA450-2003 desktop resident ID card reader general technical requirements first revised but (draft)"
Security module	ID verification system dedicated module
Distance	0~5cm
Reading use	<1.55
Frequency	13.5MHz±7kHz

NFC (optional)

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

UHF (optional)

Frequency	840-960MHz
Protocol	EPCglobal UHF Class1 Gen2 / ISO 18000-6C
Distance	>1.5m

LF (optional)

Frequency	125K/134.2K; ISO11784/ISO11785/FDX-B frequency
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User Environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH-95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops on the marble within the operating temperature
Rolling test	0.5m rolling for 6 sides, can still work steadily
Protection level	IP66

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.

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