



蓝畅科技
BLOVEDREAM



N40B

IOT Handheld Terminal

4.0-inch HD Screen · High Speed Octa-Core · 4G full Netcom



Android



4G



WIFI



Bluetooth



1D barcode



2D barcode



NFC



Camera



GPS



Product Specifications

Performance

Octa core	
CPU	MT6765X Octa core 64 bit 2.3GHz 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 BT 5.0+BLE, transmission distance 5-10m
GNSS	Support GPS, Galileo, Glonass, Beidou

Physical parameter

Dimensions	162mm × 71.5mm × 17 (thinnest) mm
Weight	260g
Display	4.0 " screen, 480×800 resolution
Screen brightness	>350cd/m2
TP	Support multi-touch
Battery capacity	Rechargeable polymer battery (3.8V 4500mAh) removable
	Standby time >350 hours
	Charging time < 3 hours (using standard charging power adapter and data cable)
Expansion Card slot	NANO SIM card x2、TF card x1 (Optional PSAM)、POGO Pinx1
Communication interface	Type-C 2.0 USB x 1, support OTG function
Speaker volume	>85db (test distance 10cm)
Audio	Speaker (mono), Microphone, Receiver
Keypad	25 soft and hard rubber buttons, left button x1, right button x1
Sensor	Gravity sensor, light sensor, distance sensor, vibration motor

Language/Input Method

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

Data collection

Barcode scanning (Optional)	
1D Scanning engine	Mindeo 966 Honeywell N4313
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 Scanning engine	Honeywell N5703 N6703 N6602-W2
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, HanXi,etc.

Camera (Standard)

Rear camera	8MP HD camera,Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	2MP pixel color camera

NFC (Optional)

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

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 Sealing	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. model: N40B Update: 2025-04-23