



蓝畅科技
BLOVEDREAM



N41B

IOT Handheld Terminal

4.0-inch HD Screen · Android 10.0 System · 4G Full Netcom



Android



4G



WIFI



Bluetooth



1D barcode



2D barcode



SIM



NFC



Camera



GPS



Product parameters

Performance	
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 802.11ac/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	201.8mm x72mm x25.6mm
Weight	< 500g (Depends on device function configuration)
Display	4.0 inch display with resolution 480 x800
TP	Supports multi-touch
Battery capacity	Rechargeable polymer battery 3.8V 5000mAh, removable
	Standby time > 350 hours
	Working time > 12 hours, Depending on usage and network environment
	Charging time 2-3 hours, Using standard power adapter and data cable
Camera	Rear camera: 8MP Support auto focus, Flash, etc.
	Front camera: 2MP
Expansion Card slot	Nano SIM card x2, TF card x1
Communication interface	Type-C USB x1, Support OTG function
Audio	Speaker (mono), Microphone, Receiver
Keypad	38 soft and hard rubber keys
Side keys	Scan key x2
Sensors	Gravity sensor, Light sensor, Proximity sensor, Vibration motor
Language/input method	
Input	English, Pinyin, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, etc.

Data collection	
Barcode scanning (Optional)	
1D Scanning engine	Mindeo 966, Honeywell N4313
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 Scanning engine	6602, Honeywell N5703 N6703, Zebra SE5500 (long range)
2D Symbologies	PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, Maxicode, Hanxin Code, etc.
NFC (Optional)	
Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 protocol
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
Sealing	IP66
Accessories	
Standard	Adapter x1, Data cable x1, Protective film x1, Instruction manual x1
Optional	Charging base, etc.

Special Note: Product data is for reference only and subject to change without notice. model: N41B Update: 2023-10-31



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