



Android handheld terminal

- Quad-core processor
- 2G RAM+16G ROM
- Android 9.0/12.0

Waterproof Dustproof Shockproof

N60 Android smart handheld terminal



High hardware configuration and strong performance

High-performance quad-core processor, 2 + 16/3 + 32/4 + 64G storage, Android 9.0/12.0 optional, 1D/2D scanning, RFID reading and writing, temperature measurement Vibration measurement, OCR, complete functions and strong expandability.

And is suitable for long-term use

Ergonomic design, fit the palm, 260 G weight control, comfortable grip, long time use is not easy to fatigue, waterproof silicone key feedback is clear.

Can be used in harsh environment

IP66 high protection grade, dustproof and waterproof, 1.2m drop resistance, comprehensive protection, more durable, can adapt to -20 °C -60 °C working temperature, fearless in harsh conditions.

Large battery life, support PE fast charging

4300mAh large-capacity battery, long-term endurance, all-day worry-free support, optional fast charging, 2.5 hours to fully charge.



Warehouse
Warehousing



Logistics Express



Smart Medical



Smart Manufacturer



Super Retail

N60 Technical Specifications

Physical parameters

Size	157 (H) * 73 (W) * 21.6 (T) mm (26mm at the wharf)
Weight	260 G (including battery, weight varies with different configurations)
Display screen	4-inch IPS color display with 480 * 800 resolution
Touch screen	Multi-touch support; the screen can be operated with water or gloves
Backlight	Led backlight
Battery	Removable lithium-ion polymer battery, capacity: 4300mAh; 3.8 V normal use time: more than 12 hours, standby time: 300 hours
Card slot	Standard SIM card X 1, TF card X 1
Communication interface	Type-C USB X 1 with OTG support
Network connection	4G/3G/2G、Wi-Fi、GPRS
Notification method	Prompt tone; Vibration
Virtual key	Back、Home、Menu
Audio	Microphone, speaker, earpiece
Press the key	Power button, volume +/-button,Scan key * 3, waterproof keyboard
Sensor	Gravity sensor, light sensor, distance sensor, vibration motor
Power adapter	Charging time 3-4 hours, use standard power adapter and data cable to support optional fast charging, fast charging for 2.5 hours

Data acquisition

Scan engine	CM 60/E20/SE4710/6603/5703 (as required)
Support one-dimensional barcode type	UPC/EAN,Bookland EAN,UCC Coupon Code,ISSN EAN, Code 128,GS1-128,ISBT 128,
	Code 39,Trioptic Code 39, Code 32, Code 93,
	Code 11, Interleaved 2 of 5,Discrete 2 of 5,
Support 2D barcode type	5, Codabar, MSI, Chinese 2 of 5, Korean 3 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Coposite Codes, etc.
	PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR inverse, Aztec, Aztec Inverse, Postal Codes: US Postnet, US Planet, UK Postal, Australian Postal, Japan Postal, Netherlands KIX Code, USPS 4CB/One/Intelligent Mail, UPS FICS Pstal, etc.
Cameras	Rear camera: 8MP
	Support autofocus, flash invisible code recognition (optional)

Development Environment

Operating temperature	-20 °C to 60 °C
Storage temperature	-40 °C to 70 °C
Humidity	5% to 95% (non-condensing)
Drop specification	Within the operating temperature range, all six sides can withstand the impact of 30 drops from a height of 1.2 meters to the concrete floor.
Rolling specifications	Continuous rolling for 1000 rounds of 0.5m, the contact surface of 6 surfaces still runs stably after rolling
Vibration	Random (10 Hz to 30 KHz); 60 minutes per axis, 3 axes
Electrostatic protection	+/-15 kV air discharge; +/-8kv contact
Degree of protection	IP66 meets IEC sealing standard

Performance parameters

CPU	Quad-core 2.0 GHz
Operating System	Android 9.0 (optional Android 12.0)
Memory	2GB RAM + 16GB ROM (optional 3 + 32G/4 + 64G)
Extend	Supports up to 128G memory expansion

Wireless communication

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
WIFI	WIFI frequency: 2.4GHz & 5GHz WIFI protocol: 802.11 a/B/G/n/AC protocol
GPS	Beidou, Glonass, GPS, Galileo
Bluetooth	Bluetooth 2.1 + EDR/3.0 + HS/4.1 + HS + 5.1
	Transmission distance 5-10m
LoRa	Optional
Spectral analysis	Optional

Internet of Things function

NFC (optional)	Operating band: 13.56 MHz
	Protocols supported: MifareClassic (MF1) NDEF, NfcV (15693), Ultraligh (MF0), IsoDep (quasi-CPU MF3), IsoDep (CPU)
	Reading distance: 0-5cm (depending on card type)
LF RFID (Optional)	125K/134.2K Read/Write
UHF RFID (optional)	0.5-8 m (depending on label, environment, module)
Secure PSAM	Support ISO7816 standard and 2 PSAM cards

Temperature measurement (optional)	Body temperature measurement, ± 0.1 °C error
OCR (optional)	Support
Vibration measurement (optional)	Support

Development Environment

Operating System	Android P (Android 9.0) supports GMS certification
SDK	Handheld terminal software development kit
Development language	Java/H5
Development tools	Eclipse/Android Studio

Other

Certification	CCC/MSDS/IP-66/GMS/CE/ROHS/ISO9001/CLEX
Standard accessories	Adapter, data cable, protective film