



N73S Smart Medical PDA



Android 12



8 cores



4+64G



4G



WiFi



Barcode



QRcode



NFC



disinfect



IP67

The configuration is high performance and powerful

The Android 12 native system provides a more stable, smoother and more complete application experience for work.

Lightweight, three-proof design, all-round data collection

The 6-inch full screen has a window ratio of up to 90%. Through its own hardware and structural optimization, the design is more ergonomic and can withstand a free fall of up to 1.5 meters. It integrates a medical scanning engine and NFC. Whether it is the barcode of wristbands, infusion bags, medicines, test tubes, consumables, or assets, it can be easily read. It also has a high parsing ability for contaminated and damaged codes, and is extremely convenient to use.

Medical sterilizable design makes medical care safer and more convenient.

The shell is made of medical antibacterial materials, which inhibits bacterial growth and resists corrosion. It can withstand repeated scrubbing with various medical cleaning agents such as alcohol and hydrogen peroxide. The IP67 grade sealing ensures that the internal of the PDA will not be affected during scrubbing, which is safe and reliable.

Large capacity supports PE fast charging

It is equipped with a 4850mAh removable battery and supports PE fast charging; the PDA supports scanning, taking pictures, voice intercom, 4G networking, Wi-Fi roaming, Bluetooth, external detectors and other functions. Whether it is mobile nursing or logistics work such as consumables management, drug management, asset management, medical waste disposal, etc., it can easily handle it.



Doctor's orders execution



Mobile rounds



Blood bag management



Drug management



Physical parameters

Size	173 (L) * 79 (W) * 17 (T) mm
Weight	285g
screen	6.0 inch, resolution 720 * 1440, 400 lumen
Touch	Capacitive screen, multi-touch
Backlight	Led backlight
Battery	Removable lithium-ion polymer battery, capacity: 4850mAh; 4.35 V normal use time: more than 8 hours, standby time: 300 hours
Card slot	Single micro SIM card TF card holder support (SIM card and TF card can be selected)
I/O	Type-C USB X 1 with OTG support
Network	4G/3G/2G, Wi-Fi, GPRS
Notification method	Sound, vibration
Audio	Microphone, speaker, earpiece
keybutton	Power button, volume +/-button, left and right scan button
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
Sensor	Gravity sensor, gyroscope sensor, magnetic sensor, distance sensor
PSAM	Support ISO7816 standard, support 2 PSAM cards (optional)

Data acquisition

Scan engine	Support 1D barcode/2D code
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,
	5, Codabar, MSI, Chinese 2 of 5, Korean 3 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Composite Codes, etc.
Supports 2D Code type	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 Postal, etc.
Cameras	Front camera: 5 megapixels Rear camera: 13MP

Development Environment

Operating System	Android 12.0
SDK	Handheld terminal software development kit
Development language	Java
Development tools	Eclipse/Android Studio

Performance parameters

CPU	MTK octa-core processor, main core 2.0GHz
OS	Android 12.0
Memory	4GB RAM + 64GB ROM
	8GB RAM + 128GB ROM (optional)
	Supports Micro SD (TF) up to 256G expansion

Wireless communication

WWAN	2G: GSM/CDMA
	3G: TD-SCDMA/WCDMA/CDMA2000
	4G: TD-LTE/FDD-LTE
WIFI	WIFI frequency: 2.4 GHz & 5 GHz WIFI protocol: 802.11 a/B/G/n/AC protocol
GPS	Beidou, Glonass, GPS, Galileo
Bluetooth	Bluetooth 5.1 is supported, Transmission distance 5-10 meters

NFC

NFC	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)

Safety protection

Operating temperature	-20 °C to 60 °C
Storage temperature	-40 °C to 70 °C
Humidity	5% to 95% (non-condensing)
Drop specification	Six sides and four corners can withstand a drop of 1.5 meters.
Rolling specifications	Continuous rolling of 1000 wheels for 0.5 m, and stable operation after rolling of 6 contact surfaces
Vibration	Random (10 Hz to 30 KHz); 60 minutes per axis, 3 axes
Electrostatic protection	+/-15 kV air discharge; +/-8kv contact
Degree of protection	IP67 meets IEC sealing standard

Other

Certification	CCC/MSDS/IP-67/ISO9001/CE
Standard accessories	Charger, data cable, battery, lanyard, tempered glass

Scepter

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