

sewoo

The Latest Enterprise-level Smart Terminal

NBP-75



- High-performance octa-core 2.2 GHz processor
- Powerful GPU support and 45° tilt design for efficient scanning & decoding capability
- Support for Wi-Fi 6
- Designed for rugged protection
- Large battery capacity : 5,000mAh



Durable



Drop Resistant



Wireless Connectivity



Compact Design



WiFi



Bluetooth



Barcode



Portable



APPLICATION



SPECIFICATIONS



System Configuration

Processor

Octa-core 2.2 Ghz high-performance processor

Operating System

Android 13.0 (AER)

Android 15.0 (Upgradeable)

Memory (ROM+RAM)

64GB + 4GB (Standard),
128GB+6/8/12GB (Optional)

SIM

Two out of three SIM card slots,
support dual-SIM dual-standby

* Two out of three SIM card slots:

- two cards can be held at the same time, Nano SIM card + Nano SIM card / Nano SIM card + TF card

Expansion Slot

Micro SD card (up to 2 TB)

Display Screen

5.5-inch, resolution: 1440*720 pixels IPS HD screen

Touch Screen

Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation

Camera

13 megapixels rear camera, support PDAF;
5 megapixels front camera

Flashlight

1A high brightness flashlight

Keypad

5 keypads in total: scan key *2, power key *1,
volume key *2

Audio

Built-in dual microphone

Sensors

G-sensor/ Proximity sensor/Light sensor/
Gyroscope/High-precision barometer/
Electronic compass

Battery

4.4V lithium battery,
with 5000mAh(Optional: Smart battery),
detachable, back-up battery support

Charging Method

Type-C charging,
support 9V/2A fast charging

Reminder

Vibration reminder/LED reminder/
High power speaker

Vibrating Motor

Built-in vibrating motor

Intercom Function (Optional)

Support one-button PTT calls



Scanning Engine

Scanning Engine

DS7000 Pro
(Optional : DS7500/HS7/N5703/N6703/N6803)

Barcode Type

It can scan 1D/2D barcode

Scanning Accuracy

≥3.33mil

Scanning Angle

Pitch: ±60°; Skew: ±45°; Tilt: 360°

View Angle

Horizontal: 44.3°, Vertical: 28.4°, Diagonal: 51°

Motion Error Tolerance

8m/s



Communication Interface

USB Interface

Type-C (with headset function) *1

OTG Interface

Support



Environmental Parameter

Working Temperature

-20°C - 50°C

*Do not charge under low temperature conditions for the safety concerns

Storage Temperature

-40°C - 70°C

Humidity

0 - 95% (no moisture condensation)

Drop Specification

Multiple drops to concrete floor from the height of 1.5m

Roller Drop Specification

1000 times of roller drops from the height of 0.5 meter

Ingress Protection

IP65, IP67(Optional)

ESD Protection

±15KV (air discharge), ±8KV (contact discharge)



NFC (Standard)

Working Frequency

13.56 MHz

Reading Distance

Within 35mm

Communication Protocol

ISO14443A/14443B/15693



Structure Parameter

Dimension (L*W*D)

162.2mm*78.5mm*15mm
(the thickness point 25mm)

Weight

263g (including the battery)



Communication Transmission

WWAN (Network Frequency)

2G: B2/B3/B5/B8

3G: WCDMA: B1/B2/B4/B5/B8

4G: FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/
B66/TDD-LTE: B34/B38/B39/B40/B41(190M)

WWAN (Data Service)

GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/
TDD-LTE/FDD-LTE

WLAN Function

Wi-Fi 802.11 a/b/g/n/r/ac/ax 2.4Ghz+5Ghz

Bluetooth

Bluetooth 5.1, support BLE

GPS

GPS/GIONASS/BDS/AGPS/Galileo/QZSS



Development Support

Programming Language

Java

Development API

iScan API (Scanning Development Kits),
Device API (Device Management/Configuration
Development Kits), Android Standard Interface

Development Tool

Eclipse/Android Studio



Accessories

Standard Accessories

USB cable*1, hand strap*1, power adapter*1,
device-back strap*1, battery*1

Optional Accessories

2in1 charging cradle, 4-slot Battery Charging Cradle,
Protective cover, protective film, Waist bag, Stylus Pen,
Pistol grip(only for straight type scanner),
Multi-functional 5-slot Base, Single Charging Cradle

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