

4.7-Inch Handheld terminal For enterprise mobile applications

NBP-65

4.7-Inch, 5G Wi-Fi + 4G network Mobile Computer



KEY FEATURES



Powerful & efficient Data collection

(Barcode scan, NFC, GPS, Camera, other AIDC methods run by Octa-core processor)



Fast transmission with 4G network & 5G Wi-Fi

(Transmission rate increase by 300% with dual transmission switch)

GMS(only GMS global certified)
PASSED



Rugged and light weight

(230g weight including battery and can be kept in a pocket)

General Features

- Based on advanced android 9.0 Equipped with Octa-core 2.0GHz processor
- Supports highly optimized SDK and development tools
- Provides 4G networks and dual band Wi-Fi 2.4G+5G (Wi-Fi 802.11 a/b/g/n/r/ac)
- Supports 3types wireless LAN (North America, Europe, Asia)
- Bluetooth 5.0
- IP65 protection grand and 1.5m drop rate
- Industrial grade super-sensitive capacitive touch screen with full viewing angle
- Supports operation with gloves, dry or wet hands

NBP-65 4.7" Android Smart Terminal

SPECIFICATIONS

SYSTEM CONFIGURATION

CPU

Octa-core 2.0 GHz

Operating System

Android 9.0

Memory

Standard : 4GB RAM+64GB ROM

Option :

2GB RAM+16GB ROM

3GB RAM+32GB ROM

Expansion Slot

Mini SD card, up to 256 GB

Display

4.7inch, 1280 x 720 High resolution

Touch Panel

Industrial-grade capacitive touch panel
(supporting operating with gloves)

Camera

8 MXP camera in the back side,
autofocus lens, LED flash

Exit Window

Corning® Gorilla® glass

Keypad

4 Front keys, 4 side keys, power key

Battery

3.8V 7200mAh / 3600mAh rechargeable
lithium polymer battery
Fast Charging scheme

Audio

Built-in microphone /
Mini USB / Headphone connector

Notification

Vibrator alerts / LED / Audio notification

Vibration Motor

Built-in programmable vibration motor

Sensor

G-Sensor/Proximity sensor/Light sensor

GMS(only GMS global certified) PASSED

NFC (Optional)

13.56 MHz / Within 30mm /
ISO14443A/ 14443B/15693

COMMUNICATION TRANSMISSION

Wireless WAN (Network frequency)

Asia & Europe:

- 2G : B2/B3/B5/B8
- 3G : WCDMA : B1/B2/B5/B8
- CDMA&EVDO : BC0 / - TD-SCDMA : B34/B39
- 4G : FDD-LTE : B1/B3/B7/B8/B20
- TDD-LTE : B38/B39/B40/B41/B34

America:

- 2G : B2/B3/B5 / - 3G : B1/B2/B4/B5;
- CDMA&EVDO : BC0/BC1 (U.S.A)
- 4G : B1/B2/B3/B4/B5/B7/B12/B17/
B28A/B28B/B41

Wireless WAN (Data service)

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

Wireless WAN (Data service)

Wi-Fi 802.11 a/b/g/n/r/ac (Dual-band Wi-Fi:2.4G+5G),
Double PA amplifier

Bluetooth

Bluetooth 5.0

GPS (optional)

GPS/AGPS/Beidou Compass/Galileo/Glonass

OPERATING ENVIRONMENT

Development Tools

Android SDK + JDK + Eclipse

Programming Language

Java

Operating Temp.

-4°F~140°F (-20°C~60°C)

Storage Temp.

-40°F~140°F (-40°C~60°C) battery included
-40°F~158°F (-40°C~70°C) battery not included

Relative Humidity

0~95% (Non-condensing)

Drop Rating

4.9ft.(1.5m) to concrete

Dust-and Water-resistance Rating

IP65

Electrostatic Discharge

conforms to ±15kV air discharge,
±8kV direct discharge

STRUCTURAL PARAMETERS

Dimension(WxDxH)

2.8"x0.6"x5.9"(73.5x16x150mm)
(head 24mm thickness)

Weight

0.5lb(230g, With battery)

ACCESSORIES

Standard

Battery, Power adapter, Hand strap, Bottom charging cable



Optional

USB Cable, Single cradle (device and battery),
4-slot device cradle & Battery cradle, Wrist Strap,
Protective case (with wrist strap), Waist bag,
Pistol grip (without UHF), Extended Battery,
Screen protector (composite)



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