




NB31 / NB32

8" Rugged Tablet

2 choices for 8"
Windows / Android



Product Feature

							
Sealing	Drop Test 5 ft. 1.5 m	Certified MIL-STD-810G	Tumble Test	Hot-Swap Battery	Fingerprint (for Win 10)	Barcode Scanner	NFC / RFID (for Win 10)

In the Field, In the Vehicle, In the Office

- MIL-STD 810G tested, 5 ft. / 1.5 m drop proof.
- IP65, one-meter tumble test.
- Hot swap battery, 11850mAh / 3.7 battery pack.
- Windows®10 IoT Enterprise / Android 9.0 series.
- Firmware TPM 2.0.
- Optional fingerprint authentication support for biometric security system for Windows.
- Optional vehicle dock, office dock, battery charger.
- Optional briefcase handle, stylus, hand strap.
- Optional 4G LTE multi carrier mobile broadband.
- Optional RFID/NFC/2D Honeywell barcode readers for data acquisition.



Office Dock



Battery Charger



Vehicle Dock



Specifications

SOFTWARE

- Windows®10 IoT Enterprise
- Android 9.0 series

DURABILITY

- "MIL-STD-810G (Multiple 5' / 1.5m Drops) 26 times all corners and sides with single tablet while operating"
- IP65
- 1,000 times x 1m tumble test
- Steel ball drop test, 25 mm diameter rounded end steel weight of 250 gm from 50cm. w/ screen protector
- Glass screen protector
- Operating temp. : -10°C ~50°C
- Storage temp. : -20°C ~60°C

CPU

- Intel® Atom™ X5-Z8550 Processor
- Rockchip RK3399

STORAGE & MEMORY

- LPDDR3 4GB on board, MAX support 8G
- 64GB or 128GB eMMC
- LPDDR3 4GB on board
- 32GB or 64GB or 128GB eMMC

DISPLAY

- 8" 800x 1280 IPS 370 nits / 470 nits (option)

AUDIO

- 1 Digital microphone
- 2 integrated speaker

INPUT

- 10-point multi-touch and capacitive stylus, support glove mode and wet-touch mode
- 4 Physical buttons (power, vol+, vol-, barcode scanner key)

CAMERAS

- 2MP front camera
- 8MP rear camera, Auto Focus, Flash

WIRELESS

- Optional Sierra EM7455 (North America/EMEA)
- Optional Quectel EM06-E (Europe), EM06-A (America)
- GPS (onboard)
- Wi-Fi 802.11a/b/g/n/AC
- Bluetooth® 4.1
- Bluetooth® 4.2

INTERFACE

- -Docking connector
- Full size USB 3.0 x1
- -Full size USB 2.0 x1
- -Micro USB 2.0 x1
- Replaceable DC jack
- Micro HDMI
- 3.5mm Audio jack
- SIM Card Reader
- Micro SDXC Card Reader
- Reset hole

POWER SUPPLY

- Backup Battery / Hot swappable external battery
- Battery: 3.7V, 11850 mAh / 43.8Wh
- Battery operation: up to 10 hours

SECURITY

- Optional Integrated Fingerprint reader
- Firmware Trusted Platform (TPM 2.0)
- Optional NFC
- Optional RFID

DIMENSIONS & WEIGHT

- 9.16" x 5.9" x 0.87" (232.6mmx150mmx22mm)
- 1.87 lbs (850g)

COLLABORATION

- Optional 1D/2D Barcode Reader
- 9 Axis MEMS sensor (Accelerometer, eCompass, Gyroscope)
- Ambient Light Sensor
- Proximity Sensor

ACCESSORIES

- -AC Adapter 65W (19V / 3.42A)
- Hand strap with stylus holder
- Optional Capacitive stylus pen
- Optional Vehicle Dock
- Optional Office Dock
- Optional Battery Charger

• for both • for only NB31 • for only NB32