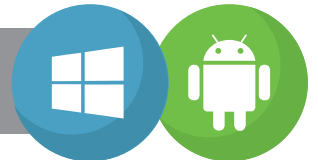




# NB31 / NB32

## 8" Rugged Tablet

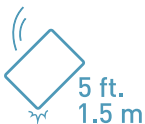
2 choices for 8"  
Windows / Android



## Product Feature

IP65

Sealing



Drop Test

MIL-STD-810G

Certified



Tumble Test



Hot-Swap Battery



Fingerprint



Barcode Scanner



NFC / RFID

## 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 / 3.7V battery pack.
- Windows®10 IoT Enterprise.
- Firmware TPM 2.0.
- Optional finger print authentication support for biometric security system.
- 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

<b>SOFTWARE</b>	<ul style="list-style-type: none"> <li>Windows®10 IoT Enterprise</li> <li>Android 7.X series</li> </ul>	<b>INTERFACE</b>	<ul style="list-style-type: none"> <li>-Docking connector</li> <li>-Full size USB 3.0 x1</li> <li>-Full size USB 2.0 x1</li> <li>-Micro USB 2.0 x1</li> <li>-Replaceable DC jack</li> <li>-Micro HDMI</li> <li>-3.5mm Audio jack</li> <li>-SIM Card Reader</li> <li>-Micro SDXC Card Reader</li> <li>-Reset hole</li> </ul>
<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>"MIL-STD-810G (Multiple 5' / 1.5m Drops) 26 times all corners and sides with single tablet while operating"</li> <li>IP65</li> <li>1,000 times x 1m tumble test</li> <li>Steel ball drop test, 25 mm diameter rounded end steel weight of 250 gm from 50cm. w/ screen protector</li> <li>Glass screen protector</li> </ul>	<b>POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>Backup Battery / Hot swappable external battery</li> <li>Battery: 3.7V, 11850 mAh / 43.8Wh</li> <li>Battery operation: up to 10 hours</li> </ul>
<b>CPU</b>	<ul style="list-style-type: none"> <li>Intel® Atom™ X5-Z8550 Processor</li> <li>Rockchip RK3399</li> </ul>	<b>SECURITY</b>	<ul style="list-style-type: none"> <li>Optional Integrated Fingerprint reader</li> <li>Firmware Trusted Platform ( TPM 2.0 )</li> <li>Optional NFC / RFID</li> <li>Kensington cable lock slot</li> </ul>
<b>STORAGE &amp; MEMORY</b>	<ul style="list-style-type: none"> <li>LPDDR3 4GB on board, MAX support 8G</li> <li>64GB or 128GB eMMC</li> <li>LPDDR3 4GB on board</li> <li>32GB or 64GB or 128GB eMMC</li> </ul>	<b>DIMENSIONS &amp; WEIGHT</b>	<ul style="list-style-type: none"> <li>9.16" x 5.9" x 0.87" [232.6mmx150mmx22mm]</li> <li>1.87 lbs (850g)</li> </ul>
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>8" 800x 1280 IPS 370 nits / 470 nits (option)</li> </ul>	<b>COLLABORATION</b>	<ul style="list-style-type: none"> <li>Optional 1D/2D Barcode Reader</li> <li>9 Axis MEMS sensor (Accelerometer, eCompass, Gyroscope)</li> <li>Ambient Light Sensor</li> <li>Proximity Sensor</li> </ul>
<b>AUDIO</b>	<ul style="list-style-type: none"> <li>1 Digital microphone</li> <li>2 integrated speaker</li> </ul>	<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>-AC Adapter 65W (19V / 3.42A)</li> <li>-Hand strap with stylus holder</li> <li>-Optional Capacitive stylus pen</li> <li>-Optional Vehicle Dock</li> <li>-Optional Office Dock</li> <li>-Optional Battery Charger</li> </ul>
<b>INPUT</b>	<ul style="list-style-type: none"> <li>10-point multi-touch and capacitive stylus, support glove mode and wet-touch mode</li> <li>4 Physical buttons (power, vol+, vol-, barcode scanner key)</li> </ul>		
<b>CAMERAS</b>	<ul style="list-style-type: none"> <li>2MP front camera</li> <li>8MP rear camera, Auto Focus, Flash</li> </ul>		
<b>WIRELESS</b>	<ul style="list-style-type: none"> <li>Optional Sierra EM7455 (North America/EMEA)</li> <li>GPS (onboard)</li> <li>Wi-Fi 802.11a/b/g/n/AC</li> <li>Bluetooth® 4.1</li> <li>Bluetooth® 4.2</li> </ul>		

● for both ● for only NB31 ● for only NB32



### Contact info

Tel +886-2-32345599  
Website <https://www.msi.com/tablets/rugged/>

