



# NF21

## 12.2" Rugged Tablet

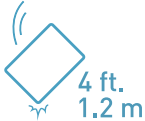
(Option) **3D Camera**



## Product Feature



Sealing



Drop Test



Certified



Tumble Test



Hot-Swap Battery



Fingerprint



Barcode Scanner



NFC / RFID

## In the Field, In the Vehicle, In the Office

- 7th Generation Intel® Core™ i5/i7™ Processor
- MIL-STD 810G tested, 4 ft. /1.2 m drop proof.
- IP65, one-meter tumble test.
- Hot swap battery, 6200mAh/7.6V battery pack.
- Hardware TPM 2.0.
- Gb ethernet port with PXE support for reliable communication & maintenance.
- Optional Windows® Hello camera & optional finger print authentication support for biometric security system.
- Optional vehicle dock, office dock.
- Optional briefcase handle, stylus, hand strap.
- Optional 4G LTE multi carrier mobile broadband.
- Optional RFID/NFC/2D Honeywell barcode readers for data acquisition.
- Optional Intel® RealSense 3D camera to create smart service of Industrial 4.0.



Office Dock

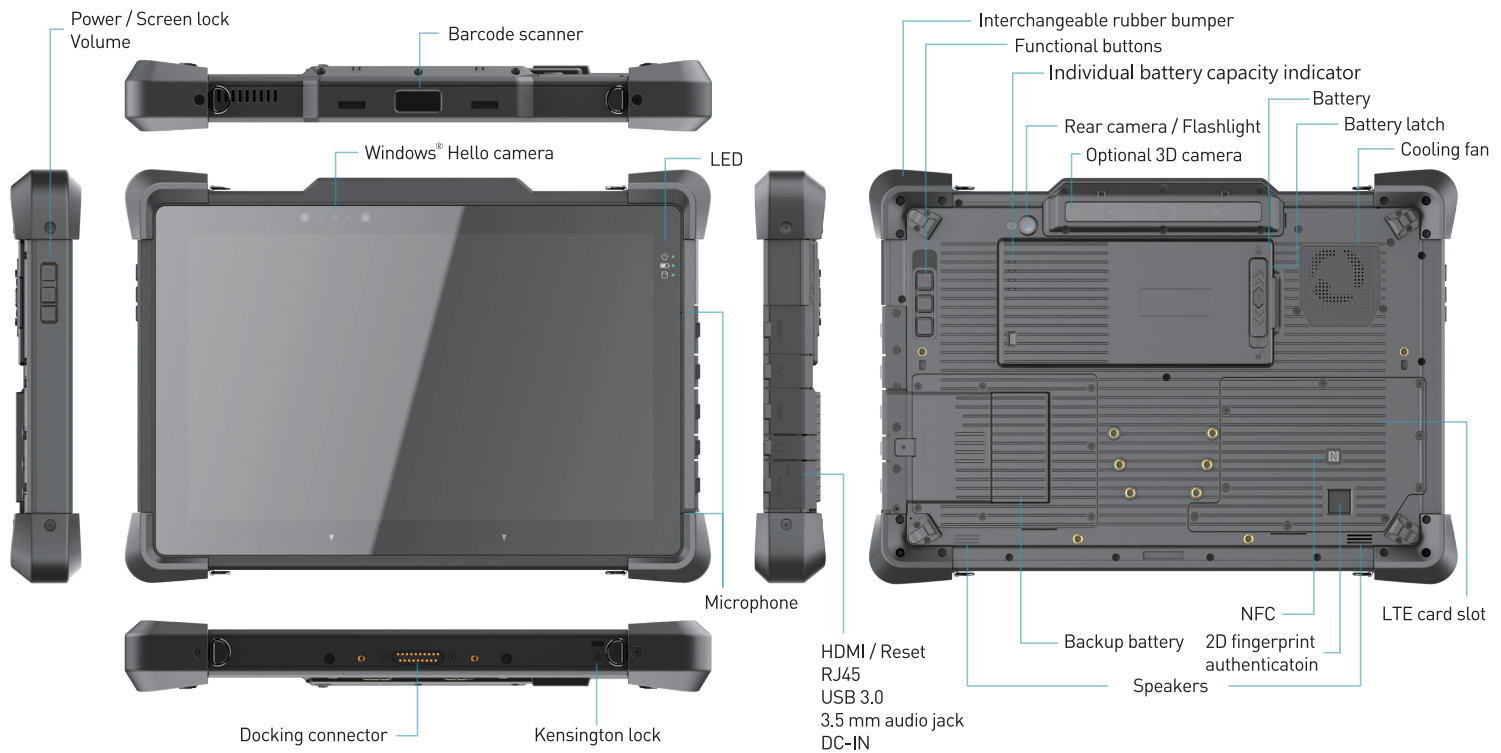


Battery Charger



Vehicle Dock





## Specifications

### SOFTWARE

- Windows®10 IoT Enterprise
- "MIL-STD-810G (Multiple 4' /1.2 m Drops) 26 times all corners and sides with single tablet while operating"
- IP65
- 200 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® Core i7-7500U
- Intel® Core i5-7200U

### STORAGE & MEMORY

- DDR4 8G replaceable, MAX support 16G
- 128GB or 256GB SSD

### DISPLAY

- 12.2" WUXGA 1920x1200 IPS 800 nits Sunlight readable

### AUDIO

- 2 Digital microphone array
- 2 integrated speaker

### INPUT

- 10-point multi-touch and capacitive stylus, support glove mode and wet-touch mode
- 6 Physical buttons (power, vol+, vol-, 3 programmable keys)

### CAMERAS

- 2MP front camera
- 8MP rear camera, Auto Focus, Flash
- Optional 2MP front camera (Win 10 Hello compatible)
- Optional RealSense 3D Camera

### WIRELESS

- Optional Sierra EM7455 [North America/EMEA]
- Ublox M8 onboard GPS
- Wi-Fi 802.11a/b/g/n/AC
- Bluetooth® 4.2

### INTERFACE

- -Docking connector
- -Full size USB 3.0 x 1
- -RJ45 Gigabit Ethernet Port
- -Replaceable DC jack
- -Micro HDMI
- -3.5mm Audio jack
- -Micro SIM Card Reader
- -Micro SDXC Card Reader
- -Reset hole

### POWER SUPPLY

- Backup Battery / Hot swappable external battery
- Battery: 7.6V, 6200mAh / 47.12Wh
- Battery operation: up to 8 hours

### SECURITY

- Optional Integrated Fingerprint reader
- Trusted Platform Module (TPM 2.0)
- Optional NFC / RFID
- Kensington cable lock slot
- Optional Windows® Hello

### DIMENSIONS & WEIGHT

- 12.5" x 8.42" x 1.07" (317.5mm x 214mm x 27.3mm)
- 3.96 lbs (1800g)

### COLLABORATION

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

### STATUS

### INDICATORS

### ACCESSORIES

- -AC Adapter 120W (19.5V / 6.15A)
- -Hand strap with stylus holder
- -Optional Capacitive stylus pen
- -Optional Vehicle Dock
- -Optional Office Dock