

# ND82 10.1" Core i Slim Rugged Tablet

**msi**



Sealing



Drop Test



Certified



Tumble Test



Hot-Swap Battery



Barcode Scanner



Digitizer

- Intel® Raptor Lake Core i5-1335U /Longevity Support
- Windows 10 / Windows 11 IoT Enterprise
- Sun light Readable High brightness 800nits LCD display
- Support MPP2.0/EETI Digitizer
- Support Wifi 6E
- 10/100/1000 Ethernet port.
- Hot swap battery, integrated 7.68V/ 8,340mAH, 64W battery pack
- Firmware TPM 2.0. Optional hardware TPM2.0.
- USB 3.1 Type A\* 1/USB3.1 Type C\*1(support Alt mode)
- Type C PD charging design
- Optional 4G LTE multi carrier mobile broadband.
- Optional 1D/2D Honeywell barcode readers for data acquisition.



Dimension 293\*192\*17mm



# ND82 ID and Functions



Weight: 1150g w/o screen protector



# ND82 Specification



**SOFTWARE**

- Windows®10 IoT Enterprise(LTSC), Windows 11 IoT Enterprise(GAC), Windows 11 Pro

**DURABILITY**

- MIL-STD-810G (Multiple 5' /1.5 m Drops)
- IP65
- 1m tumble test
- Steel ball drop test, 25 mm diameter steel round ball weight of 250 gm from 50cm. w/o screen protector
- Optional Glass screen protector
- Operating temp. : -10°C ~50°C
- Storage temp. : -20°C ~60°C

**CPU** Intel® Raptor Lake i5-1335U

**STORAGE & MEMORY**

- LPDDR5 8G (on board / Options up to 32G)
- M.2 SSD 256GB, 512GB, 1TB(Optional)

**DISPLAY**

- 10.1", 16:10 ratio 1920x1200 IPS 800 nits Sunlight readable

**AUDIO**

- 2W x 1 Speaker
- 2 x Digital microphone

**INPUT**

- 10-point multi-touch,
- support glove mode and wet-touch mode
- 5 Physical buttons (power, vol+, vol-, 2 x programmable keys)
- Support MPP2.0

**CAMERAS**

- 2MP front camera (Win Hello optional)
- 8MP rear camera, Auto Focus, Flash

**WIRELESS**

- GPS / GLONASSS / GALILEO
- WIFI 6E
- Bluetooth® 5.3
- Optional Quectel EM060K

**SECURITY**

- Trusted Platform Module (TPM 2.0)
- Kensington cable lock slot
- Optional Windows® Hello

**INTERFACE**

- -Docking connector
- USB 3.1 Type A x 1
- USB 3.1 Type C x 1(support Alt mode)
- USB 2.0 Type C x 1(support PD(repairable))
- RJ45 Gigabit Ethernet Port
- 3.5mm Audio jack
- SIM Card Reader (Nano)
- SDXC Card Reader (Micro)
- Reset hole

**POWER SUPPLY**

- Backup Battery / Hot swappable battery
- Battery: 7.68V, 8,340mAh, 64W  
Battery operation: up to 8 hours\*1
- Backup Battery: 7.4V,80mAh (0.592WH)

**DIMENSIONS & WEIGHT**

- 11.5" x 7.6" x 0.7" (293mm x 192mm x 17mm)
- 1150g w/o screen protector \*2

**COLLABORATION**

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

**LED INDICATORS**

- Power, Battery, WIFI

**ACCESSORIES**

- -AC Adapter PD Type-C 65W, 20V, 3.25A
- Hand strap with stylus holder
- Optional Capacitive stylus pen
- Optional Digitizer
- Optional NFC
- Optional Vehicle Dock
- Optional Office Dock
- Optional Battery Charger

\*1 The battery life test is based on Jeita 2.0

\*2 The weight is for the basic SKU only, without optional functions.

