RuggON
Always on Rugged

SOL 7
12" Fully Rugged tablet

IP65   **MIL-STD-810H**   **MIL-STD-461G**

1000 nits   **5-foot Drop**

- ◆ Intel® Core™ Ultra processors
- ◆ Advanced display with high brightness and hyper dimming technology to adapt different ambient-light conditions
- ◆ WiFi 7 & 5G supported
- ◆ Dual hot-swap battery plus fast charging offers near indefinite capacity
- ◆ A wealth of I/O ports and expansion options fulfill field use
- ◆ MIL-STD 810H, MIL-STD 461G and IP65 certified

Specifications

System

- CPU : Arrow Lake Ultra 5 225U / Arrow Lake Ultra 7 255U
- Storage : 128 GB-1TB M.2 SSD
- Memory:DDR5 SO-DIMM 8-32GB
- OS : Windows 11 GAC

Display

- 12" 2160 x 1440, 1000 nits high brightness
- 10-point Capacitive Touch supports glove touch with Gorilla Glass
- Capacitive multi-touch screen supports glove touch, water rejection, palm rejection, 2mm hard tip stylus

Communication

- BT5.4
- Wi-Fi 7 802.11be
- GNSS (GPS/ Glonass / BeiDou)
- Optional 4G LTE/5G (Sub-6g)

Camera

- 2MP front camera, option 5MP hello camera
- 11MP auto focus rear camera with LED flash

Control Button

- Programmable button x 2
- Power, Volume, Windows button

Expansion Option

- 2D barcode reader (OCR option)
- Fingerprint reader
- Contactless Smart Card Reader
- FIDO2 NFC
- UHF RFID

I/O Interface

- USB 3.2 Gen1 type A x 1
  USB 3.2 type C x 2 (support Thunderbolt & charging)
- Speaker x 2 (front side)
- Audio jack (headphone/ microphone combo) x 1
- Sim slot x 1, eSim x 1
- Docking connector x 1
- Optional RF pass-through x 2
- RS-232 x 1 (available for option USB 2.0 / RJ45 / 2D barcode reader)

Security

- TPM2.0

Power

- USB-C AC adapter (65W, 100-240V AC, 50/60Hz)
- Fast charging supported
- Standard : 3010 mAh, 11.4V, hot swappable

Rugged Feature

- IP65, MIL-STD-810H and MIL-STD-461G certified
- Vibration, shock and 5-foot drop resistance

Environmental

- Operating temperature : -20° C to +63° C ᴵ
- Storage temperature : -30° C to +70° C
- Humidity : 95%, non-condensing

Dimensions & Weight

- 304 x 209 x 23.9 mm (12" x 8.2" x 0.94") (W x H x D)
- 1.5kg (3.3lbs)

Software

- DashON, CamON, BioON, RuggOTA

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I. This product is designed for non-charging operation in high ambient temperatures (up to +63°C/+145.4°F). In environments exceeding +50°C/+122°F, the product and nearby objects may become hot to the touch. Please avoid direct skin contact with hot surfaces. Specifications may change without prior notice.

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