



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
- ◆ Support hyper dimming with IP54 pen by request

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 : 2935 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° C¹
- ◆ 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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¹ 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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