RUGGON
Always on Rugged

GLACIER COMPUTER
A Logic Instrument Company



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 batteries 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



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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

- Wi-Fi 802.11 ax & 802.1 v/r/k (Fast Roaming)
- Bluetooth V5.2
- Telit FN990A28 5G WWAN module
  - 5G FR1 bands : n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n75, n76, n77, n78, n79
  - Supported LTE bands : B1, B2(B25), B3, B4(B66), B26(B5, B18, B19), B7, B8, B12(B17), B13, B14, B20, B28, B29(DL), B30, B32(DL), B34, B38, B39, B40, B41, B42, B43, B46(LAA), B48(CBRS), B66, B71
- GPS / GNSS (GPS/Galileo/GLONASS/BeiDou)

Camera

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

Control Button

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

Expansion Option

- 2D barcode reader with OCR
- Fingerprint reader
- 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)

Certifications

- CE, FCC, CB

Security

- TPM2.0

Power

- USB-C AC adapter (65W, 100-240V AC, 50/60Hz)
- Fast charging supported
- Standard : 3010 mAh, 11.625V, Dual hot swappable batteries

Rugged Feature

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

Environmental

- Operating temperature : -20° C to +60° C [1]
- 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

Accessories



Shoulder Strap



Hand Strap



Handle



Desktop Dock



Hard Handle



Vesa

[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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