



RuggON SOL 7 - 12-inch rugged tablet with AI power for tough everyday use

- ✓ **12-inch QHD+ display - optimised readability even in direct sunlight**
High resolution with 2160 x 1440 px and brightness with 1000 nits, robust for tough working conditions.
- ✓ **Intel Arrow Lake CPU with AI acceleration**
Intel Core Ultra 5/7 with NPU for AI functionalities directly on the device.
- ✓ **Extremely robust and weatherproof - IP65 & MIL-STD-810H/461G**
Dust and water resistant, shock and vibration resistant, drop protected up to 1.5 m, operating temperature from -20 °C to +63 °C.
- ✓ **State-of-the-art connectivity including 5G, Wi-Fi 7 & satellite**
Reliable data connection with eSIM + dual SIM, 5G, LTE, Wi-Fi 7, Bluetooth and optional satellite connection.
- ✓ **Expandable with barcode scanner, RFID & biometrics**
Optionally with 2D barcode (OCR), fingerprint, smartcard, UHF RFID and NFC - directly on the device.

Features

Display: 12 inch (2160 × 1440 px), 1000 nits, Gorilla Glass, 10-finger touch, pen and glove mode

Operating system: Windows 11 GAC

CPU: Intel Arrow Lake Ultra 5/7 with NPU

Memory: 8-32 GB DDR5 RAM, 128 GB-1TB M.2 SSD

Akku: 3010 mAh, Hot-Swap-fähig

Network connections: 5G/LTE, Wi-Fi 7, Bluetooth, dual SIM + eSIM, USB, RS-232, optional satellite

Additional features: 2 MP (optional 5 MP), 11 MP camera, GPS

Protection: IP65, MIL-STD-810H, MIL-STD-461G, drop-proof up to 1.2 m, UV-resistant housing

Operating temperature: -20 to +63°C

Dimensions (W x L x H): 304 x 209 x 24 mm

Weight: 1.5 kg

Optional accessories

Barcode scanner (2D/OCR)

Fingerprint scanner

Smartcard reader

NFC

UHF-RFID reader

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° 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