



RUGGON · TABLET

RuggON SOL 7 Tablet

Industries: Logistics · Industry · Public Safety

Operating system Windows 11 GAC



IP65

IP RATING

810H

MIL-STD

1000 nits

BRIGHTNESS

1.5 kg

WEIGHT

CORE SPECIFICATIONS

Display size	12 inch
Resolution	2160 x 1440
IP rating	IP65
MIL-STD	MIL-STD-810H, MIL-STD-461G
Brightness	1000 nits
Processor	Intel® Core™ Ultra 5 225U or Intel® Core™ Ultra 7 255U
Memory and storage	8 to 32 GB DDR5 SO-DIMM · 128 GB to 1 TB M.2 SSD
Battery	Two hot-swappable batteries, 3010 mAh at 11.625 V; fast charging, 65 W USB-C adapter
Weight	1.5 kg
Operating temperature	-20 °C to +60 °C
Interfaces	1× USB 3.2 Gen 1 Type-A · 2× USB 3.2 Type-C (Thunderbolt and charging) · audio combo jack · SIM and eSIM slot · docking connector · 1× RS-232 · 2× RF pass-through optional
Configurable	Yes, interactive configurator on the product page (6 groups)

Source for every core spec row except "Configurable": manufacturer datasheet (RuggON SOL 7, version V.25A). Source for "Configurable": interactive configurator on the product page, based on the manufacturer datasheet (see source per option there).

INTERFACES

- 1× USB 3.2 Gen 1 Type-A
- 2× USB 3.2 Type-C (Thunderbolt and charging)
- audio combo jack
- SIM and eSIM slot



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Scan the QR code or call – configuration, quantities, and delivery time on request.

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- docking connector

– 2× RF pass-through optional
- 1× RS-232

CERTIFICATIONS AND RUGGEDNESS

MIL-STD-810H

Shock, vibration, temperature, altitude

MIL-STD-461G

Electromagnetic compatibility

IP65

FEATURES AND OPTIONS

Operating system	Windows 11 GAC
Touchscreen	10-point capacitive multitouch with Gorilla Glass, glove touch, water and palm rejection, 2 mm hard tip stylus
Camera	11 MP rear camera with autofocus and LED flash, 2 MP front camera (5 MP Windows Hello optional)
Connectivity	Wi-Fi 7 (802.11be), Bluetooth 5.4, GNSS (GPS/Glonass/BeiDou); optional 4G LTE or 5G (Sub-6)
Security	TPM 2.0
Expansion options	2D barcode reader with OCR, fingerprint reader, smart card reader, FIDO2 NFC, UHF RFID
Dimensions	304 × 209 × 23.9 mm
Software	DashON

CONFIGURATION OPTIONS

PROCESSOR

Standard: Intel® Core™ Ultra 5 225U (Arrow Lake) [DB]

Intel® Core™ Ultra 7 255U (Arrow Lake) [DB]

MEMORY

Standard: 8 GB DDR5 SO-DIMM [DB]

Up to 32 GB DDR5 SO-DIMM [DB]

STORAGE

Standard: 128 GB M.2 SSD [DB]

Up to 1 TB M.2 SSD [DB]

WIRELESS AND POSITIONING

Standard: Bluetooth 5.4, Wi-Fi 7 (802.11be), GNSS (GPS/GLONASS/BeiDou) [DB]

Optional 4G LTE/5G (Sub-6 GHz) [DB]

READERS AND SECURITY

2D barcode reader with OCR [DB]

Fingerprint reader [DB]

Smart card reader [DB]

FIDO2 NFC [DB]

UHF RFID [DB]

5MP front camera with Windows Hello [DB]

INTERFACES AND MODULES

RS-232 via USB 2.0/RJ45/2D barcode reader combo module [DB]

RF pass-through, 2x [DB]

Removable SSD [DB]

db RuggON SOL 7 Specsheel, version V.25A, /datasheets/EN/1764813749640106235-SOL_7_SPECSHEET.pdf – Source is in English (RuggON does not provide a German version).



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MANUFACTURER DATASHEET

RuggON, version V.25A · binding source

[1764813749640106235-SOL_7_SPECSHEET.pdf](#)

This overview was compiled from the documented information and is not a manufacturer datasheet. The manufacturer's specifications are binding. Subject to change, errors reserved, technical developments subject to change. As at: 8 August 2026.

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