



RUGGON · TABLET

RuggON VULCAN 10A Tablet

Industries: Logistics · Forestry & Agriculture · Industry
 Operating system Android 14 with Google Mobile Services (GMS) certification



IP66

IP RATING

810H

MIL-STD

1,200 nits

BRIGHTNESS

3.2 kg

WEIGHT

CORE SPECIFICATIONS

Display size	10.4 inch
Resolution	1024 x 768 (XGA)
IP rating	IP66
MIL-STD	MIL-STD-810H
Brightness	1,200 nits
Processor	Qualcomm® QCS™ 6490 octa-core, 2.7 GHz
Memory and storage	8 GB LPDDR4x RAM · 128 GB UFS storage
Battery	Integrated backup battery (no main battery value stated)
Weight	3.2 kg
Operating temperature	-30 °C to 60 °C
Interfaces	RS-232 with power supply × 1 · RS-232 (TX/RX)/422/485 × 1 · RS-232 (TX/RX) × 2 · RS-485 × 2 · Gigabit Ethernet × 1 · USB 3.1 × 1 · USB 2.0 × 2 · USB 3.1 Type-C (DP Alt Mode) × 1 · Micro-SD × 1 · Micro-SIM × 1 · eSIM × 1 · CAN bus 2.0B/SAE J1939 × 1 · DI × 2 · DO × 2 · Mic-in × 2 · line-out (L/R) × 1 · optional video input
Configurable	Yes, interactive configurator on the product page (2 groups)

Source for display size through interfaces (eleven core rows): RuggON VULCAN 10A manufacturer datasheet (RuggON, version V25A / 2025). Source for "Configurable": interactive configurator on the product page , based on the manufacturer datasheet (see source per option there).

INTERFACES

- RS-232 with power supply × 1

– RS-232 (TX/RX)/422/485 × 1



REQUEST QUOTATION

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

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- RS-232 (TX/RX) × 2
 - Gigabit Ethernet × 1
 - USB 2.0 × 2
 - Micro-SD × 1
 - eSIM × 1
 - DI × 2
 - Mic-in × 2
 - optional video input
- RS-485 × 2
 - USB 3.1 × 1
 - USB 3.1 Type-C (DP Alt Mode) × 1
 - Micro-SIM × 1
 - CAN bus 2.0B/SAE J1939 × 1
 - DO × 2
 - line-out (L/R) × 1

CERTIFICATIONS AND RUGGEDNESS

MIL-STD-810H

Shock, vibration, temperature, altitude

IP66

Completely dustproof, jet water resistant

FEATURES AND OPTIONS

Operating system	Android 14 with Google Mobile Services (GMS) certification
Touchscreen	projected-capacitive touch (PCT), glove and rain mode, optional defroster
Connectivity	Wi-Fi 6, Bluetooth 5.2, optional 4G/5G LTE, GNSS (GPS/Galileo/GLONASS)
Ruggedness according to the manufacturer description	IEC 60721-3-5 5M3 (vibration and shock resistance)
Power supply	9-60 V DC wide-range input, intelligent ignition management

CONFIGURATION OPTIONS

WIRELESS AND POSITIONING

Standard: Wi-Fi 802.11ax & 802.11v/r/k (Fast Roaming), Bluetooth V5.2 [\[DB\]](#)

Optional GNSS (GPS/Galileo/GLONASS/BeiDou) [\[DB\]](#)

Optional 4G LTE/HSPA+/GPRS/5G (Telit/Sierra) [\[DB\]](#)

INTERFACES AND MODULES

CAN bus 2.0B [\[DB\]](#)

SAE J1939 [\[DB\]](#)

Optional CVBS video input [\[DB\]](#)

Optional defrost/defog button [\[DB\]](#)

db RuggON VULCAN 10A Specsheel, version V25A (Copyright 2025), /datasheets/EN/1762152737836258866-en_VULCAN-10A_specsheel_V25A_RuggON.pdf – Source is in English (RuggON does not provide a German version).

MANUFACTURER DATASHEET

RuggON, version V25A / 2025 – no date in the document · binding source

[1762152737836258866-en_VULCAN-10A_specsheel_V25A_RuggON.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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