



RUGGON · TABLET

RuggON VULCAN 10X Tablet

Industries: Transport · Logistics · Industry

Touch PCT touch with rain/glove mode, 5-wire resistive touch with defroster on request, high brightness with auto-dimming



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	Intel® Core™ i5-8365UE (1.6 GHz), optional Intel® Celeron® 4305UE (2.0 GHz)
Memory and storage	4 GB DDR4 SODIMM RAM, expandable to 32 GB · SSD M.2 2280 (capacity not stated)
Battery	Internal backup battery for controlled shutdown (no main battery value stated)
Weight	3.2 kg
Operating temperature	-30 °C to +55 °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 × 2 · USB 3.1 × 1 · USB 2.0 × 2 · USB 3.1 Type-C (DisplayPort Alt Mode) × 1 · Micro-SD × 1 · Micro-SIM × 2 · Mic-in × 2 · line-out (L/R) × 1 · optional video input · optional CAN bus 2.0B × 2 or SAE J1939 × 1
Configurable	Yes, interactive configurator on the product page (5 groups)

Source for display size through interfaces (eleven core rows): RuggON VULCAN 10X manufacturer datasheet (RuggON, version V.22A / 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

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

CERTIFICATIONS AND RUGGEDNESS

MIL-STD-810H

Shock, vibration, temperature, altitude

IP66

Completely dustproof, jet water resistant

FEATURES AND OPTIONS

Touch	PCT touch with rain/glove mode, 5-wire resistive touch with defroster on request, high brightness with auto-dimming
Sensors	built-in 6-axis motion sensor, dual speaker
Operating system	supports Windows 10 / Windows 11 IoT Enterprise
Connectivity	Wi-Fi 802.11 a/b/g/n/ac/v/r/k, Bluetooth V5.0, optional 4G LTE/HSPA+/GPRS or 5G, optional GNSS (GPS/Galileo/GLONASS/BeiDou/QZSS)
Optional	CAN bus 2.0B × 2 or SAE J1939 × 1, DI × 2, DO × 2, Mic-in × 2, Line-out × 1, video input × 1
Controls	7 programmable buttons, brightness and volume control, display on/off, optional defrost/defog button
Power supply	9–60 VDC input, ignition sense with delayed on/off, Wake-on-RTC, internal backup battery for graceful shutdown

CONFIGURATION OPTIONS

PROCESSOR

Standard: Intel® Core™ i5-8365UE, 1.6GHz [\[DB\]](#)

Optional Intel® Celeron® 4305UE, 2.0GHz [\[DB\]](#)

MEMORY

Standard: 4GB DDR4 SODIMM [\[DB\]](#)

Expandable to 32GB DDR4 SODIMM [\[DB\]](#)

DISPLAY

Standard: 5-wire resistive touch supports defrost/defog function [\[DB\]](#)

PCT touchscreen supports glove and rain mode (by request) [\[DB\]](#)

WIRELESS AND POSITIONING

Standard: Wi-Fi 802.11a/b/g/n/ac/v/r/k, Bluetooth V5.0 [\[DB\]](#)

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

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

INTERFACES AND MODULES

Optional CAN bus 2.0B, 2x [\[DB\]](#)

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

Multi format video input option [\[DB\]](#)

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

db RuggON VULCAN 10X Specs sheet, version V.22A (Copyright 2025, no day date), /datasheets/EN/1764554347915372903-en_VULCAN_10X_specs sheet_V26.pdf — Source is in English (RuggON does not provide a German version).



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MANUFACTURER DATASHEET

RuggON, version V.22A / 2025 – no day date in the document · binding source

[1764554347915372903-en_VULCAN_10X_specsheets_V26.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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