

Datasheet RuggON SPARK 7 GSS
TESTUMGEBUNG - nicht die Live-Seite. Zur Live-Seite
RTK Android 14 Flight Controller
kontakt@robustbook.com +49 (0) 69 271 470 985
Tablet



This overview was compiled from the information published on robustbook.com and is **not a manufacturer datasheet**. The manufacturer's own specifications are the binding source. As at: 08 August 2026. A manufacturer datasheet for the RuggON SPARK 7 GSS RTK Android 14 Flight Controller is available (RuggON, as at 08 January 2026); it is linked below. The datasheet is only available in English.

Manufacturer datasheet (English): [1767928507121164347-SPARK_7_DS_20260108.pdf →](#)

Core specifications

Display size	7 inch
Resolution	1080p
IP rating	IP65
MIL-STD	MIL-STD-810H
Brightness	1,680 nits
Processor	Qualcomm® Dragonwing™ QCS6490
Memory and storage	8 GB RAM · 128 GB storage, expandable via microSD
Battery	Hot-swappable battery pack, capacity not stated; alternatively powered via AC adapter (65 W/20 V)
Weight	–
Operating temperature	-20 °C to 50 °C

Interfaces

1× USB-C (USB 3.1, DisplayPort) · 1× USB 2.0 · 1× RJ45 (Ethernet) · optional
Nett Warrior interface

Configurable

[Yes, on request](#)

[RuggON SPARK 7](#)

[manufacturer datasheet](#)
[comparison table: tablets](#)

Corrected bestand values (exposed by the manufacturer datasheet):

1. Display size: previously "10.4 inch" (source: product page). The manufacturer datasheet states "7", 1080P, 1680Nits Sunlight readable". Per the manufacturer datasheet, the SPARK 7 is a 7-inch device.
2. Resolution: previously "1024 x 768 (XGA)" (source: product page). The manufacturer datasheet states "1080P", without exact pixel dimensions - taken as stated in the document.
3. Brightness: previously "1,200 nits" (source: comparison table: tablets, listed there as "RuggON SPARK 7"). The manufacturer datasheet states "1680Nits".
4. Processor: previously "Intel® Core™ i5-1145GRE (Tiger Lake)" (source: product page). The manufacturer datasheet states "Qualcomm® Dragonwing™ QCS6490" - a completely different processor from a different vendor.
5. Operating temperature: previously "-20 °C to 60 °C" (source: product page). The manufacturer datasheet states "-20°C~50°C".
6. Memory/storage and battery were previously "-" (not quantified in any robustbook.com source); the manufacturer datasheet provides values for the first time (see core specifications above).

Context: the manufacturer datasheet describes an Android 14 device with a Qualcomm processor, consistent with the product name and the previous comparison-table classification ("Android 14 Flight Controller"). The previous manufacturer description on the product page (10.4 inch, Intel Core i5-1145GRE, Windows 10/11) contradicts this and was left untouched - it is not part of this core-data takeover and is flagged separately in this order's report.

Features and options

Excerpt from the manufacturer description on the product page. No configurator available, no prices.

- Operating system: Windows 10 / 11 IoT Enterprise
- Controls: two Hall-effect joysticks, 3-position toggle switch, programmable buttons for mission control
- Connectivity: Wi-Fi 6, Bluetooth 5.2, optional 4G/5G LTE, dedicated GNSS
- Security: TPM 2.0
- Intended use according to the manufacturer description: ground control station/control unit for unmanned systems (UAV/UGV)

Further links

- [Product page RuggON SPARK 7 GSS RTK Android 14 Flight Controller](#)
- [Comparison table: tablets](#)
- Industries: [Industry](#) · [Public Safety](#)

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Document status: 08 August 2026. This overview is not a manufacturer datasheet (see the note above); the manufacturer's own specifications are the binding source.

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