ONERugged



V10J

Rugged Vehicle Tablet

- Equipped with quad-core Intel JASPER LAKE N5100 processor
- 4G LTE, dual-band Wi-Fi and Bluetooth 5.1 connectivity
- IP65 dustproof and waterproof
- 10.1-inch screen, 1000 nits high brightness
- Supports the battery-free mode, and optional 7.4V/1000mAh capacity battery
- Supports USB/DB9/LAN/CAN and other interface extensions

* All information is subject to change without prior notice.

V10J SPECIFICATIONS

Windows 11 Home

Durability	· MIL-STD-810H certified · IP65 compliant · ±8kV contact discharge, ±15kV air discharge
Operating System	· Windows 11 Home · Optional Windows 11 Pro
Processor	· Intel® Jasper Lake N5100 (4MB cache, up to 2.8GHz, 4 cores, 4 threads, TDP 6W)
Graphics	· Intel® HD Graphics Gen 11 LP
Memory	· LPDDR3 (8GB)
Storage	· EMMC (128GB)
Display	· 10.1", HD (800 x 1280), 1000 nits · 10-point capacitive touch screen
Audio	· Integrated 2.5W speaker x 1 · Microphone ×1
Keyboard & Input	· 5 buttons (4 user-definable keys)
Network & Connectivity	· Wi-Fi 5 dual-band (2.4G/5G) · Bluetooth 5.1 · Optional 4G LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: 900/1800 · GNSS module
Data Capture	· NFC 13.56MHz reader (Optional)
I/O Interface	· Micro SIM ×1 · USB 3.0 (Type-A) ×1 · M12-8 (input: 12-24V) · Optional M12-12 (1000Mbps Ethernet RJ45) x 1 · Optional M12-12 (RS232 x 1 + RS485 x 1) Optional M12-12 (RS232 x 2) · Optional M12-12 (USB2.0 x 3) Optional M12-12 (USB2.0 x 2 + CAN x 1)
Battery & Charging	· Li-ion battery, 7.4V, 1000mAh · RTC
Environment	· Operating temperature: -20°C to 60°C (without battery) -10°C to 60°C (with battery) · Storage temperature: -30°C to 70°C · Humidity: 95% (non-condensing)
Dimension	· 264.5 mm (L) × 184.1 mm (W) × 23.0 mm (H)
Weight	· 834g
Accessories	· Standard: Wi-Fi ext ant, GNSS ext ant, M12-8 to DC cable · Optional: 4G ext ant, GPS ext ant, PWR 19V/3.42A DC, ADP 12V/4A DC, Power cable, PWR module, M12 to USB cable, M12 to RJ45 cable, M12 to RS232+RS485 cable, Metal bracket M12 to RS232 x 2 cable, FULL cable, Mount parts
Warranty	· One-year limited warranty standard

1. Please contact your sales representative for feature availability.
2. Battery life data is provided by Emdoor's laboratory. Default test conditions: 300 nits display brightness, 30 cm/70 dB sound level. Actual results may vary depending on test environments and methods.
3. Certified to MIL-STD-810H and IP standards. For specific test items and methods, please refer to the latest official test report.
4. Body dimensions and weight are measured by Emdoor's laboratory. Variations may occur due to measurement methods and manufacturing processes.
5. All product images, specifications, user interface, and features are for reference only and may vary by production batch or other factors. All information is subject to change without prior notice.

ACCESSORIES

Standard

Wi-Fi ext ant


M12-8 to DC cable


GNSS ext ant

Optional

4G ext ant (4G+Ethernet)

GPS ext ant


PWR 12V/4A DC


ADP 12V/4A DC


Power cable (1.2M/6M)


PWR module (9-36V/20-80V)


Mount parts


M12 to USB cable (straight/angled)


M12 to RJ45 cable (straight/angled)


FULL cable


M12 to RS232+RS485 cable (straight/angled)


M12 to RS232 x 2 cable


Metal bracket

CONTACT US

Shenzhen Emdoor Information Co., Ltd. (Stock Code: 001314)
Tel: (+86) 400-830-4882 Email: inquiry@onerugged.com
Web: www.onerugged.com Address: Emdoor Building, No.8 Guangke 1st Road, Pingshan District, Shenzhen