

Always on Rugged



SOL PA501

10.1" Fully Rugged Tablet



IP65



MIL-STD-810G



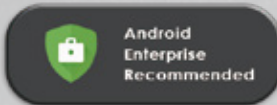
MIL-STD-461G



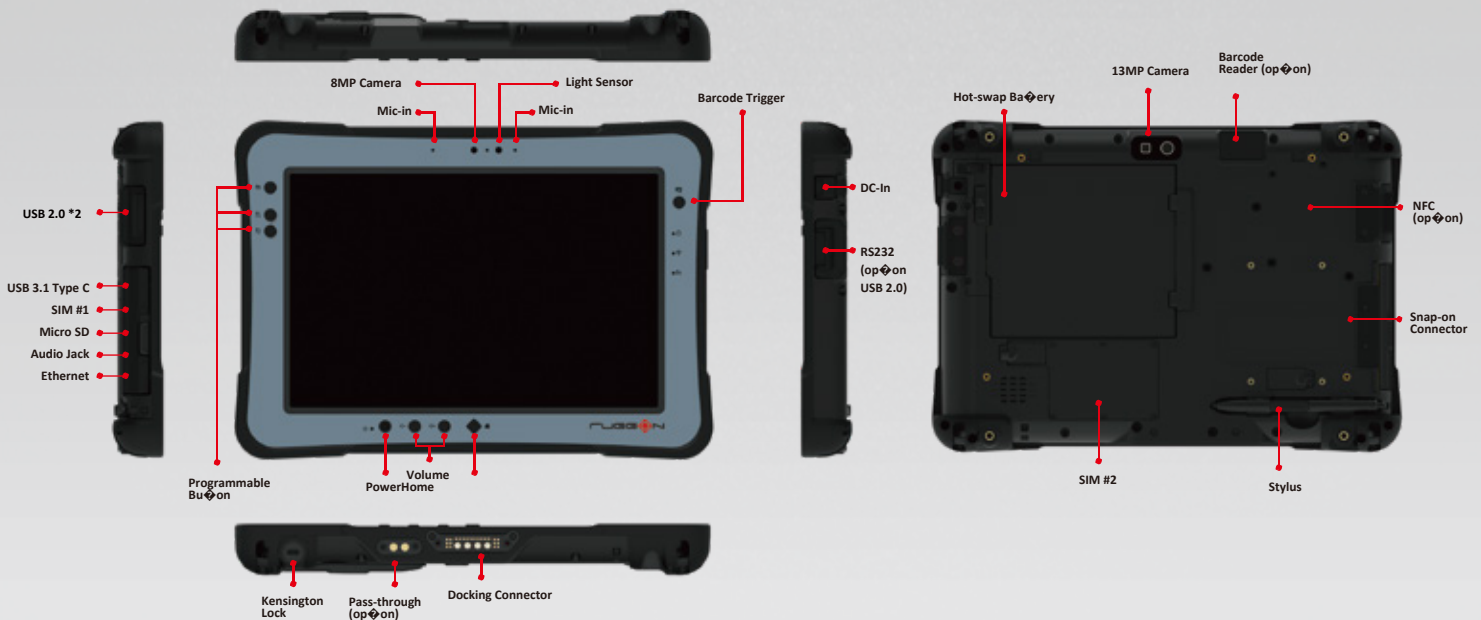
1000 nits



5-foot Drop



10.1" rugged tablet with Qualcomm® Octa-Core processor
 Android 12 with Google Mobile Services certified
 Sunlight readable display supports night mode and stealth mode
 4G LTE with SIM card supported.
 802.11ac 2x2 MU-MIMO, optional built-in NFC
 Hot-swap battery plus fast charging offers near indefinite capacity MIL-STD 810G, MIL-STD 461G and IP65 certified
 FirstNet Ready™ and supports Band 14 connectivity
 The dedicated expansion options maximize efficiency in the field



Specifications

System

- ◆ Qualcomm® Snapdragon™ 660 Octa-Core, 1.9GHz up to 2.2GHz
- ◆ 3GB LPDDR4 RAM + 32GB eMMC storage (US carrier SKU)
- ◆ 4GB LPDDR4 RAM + 64GB eMMC storage (Global SKU)
- ◆ OS : Android 12, Google Mobile Services (GMS) certified

Display

- ◆ 10.1" TFT LCD WUXGA (1920 x 1200) 1000 nits
- ◆ Sunlight readable display supports night mode and stealth mode
- ◆ Capacitive 10-point multi-touch supports glove touch, 2mm hard tip stylus
- ◆ Gorilla Glass

Communication

- ◆ IEEE 802.11ac 2x2 MU-MIMO GNSS
- ◆ Bluetooth V5.0
- ◆ 4G LTE certified with Verizon, AT&T and FirstNet™ through optional Sierra Wireless EM7511
- ◆ (GPS/ GLONASS/ BeiDou)
- ◆ Optional built-in NFC

Camera

- ◆ 8MP fixed focus front camera
- ◆ 13MP auto focus rear camera with LED flash

Control Button

- ◆ Programmable button x 3
- ◆ Barcode trigger button x 1
- ◆ Power x 1, volume x 2, home button x 1

Expansion Option

- ◆ Built-in 2D barcode reader (OCR supported)
- ◆ Fingerprint reader
- ◆ Snap-on connector easy for customization

Certifications

- ◆ CE, FCC, IC, PTCRB

I/O Interface

- ◆ USB 3.1 type C x 1 (display port supported), USB 2.0 type A x 2
- ◆ RS-232 x 1 (available for option USB 2.0)
- ◆ Gigabit Ethernet (RJ45) x 1
- ◆ Audio headset jack (Headphone/ microphone combo) x 1
- ◆ Micro SD slot x 1 (SDXC/ SDHC supported), Micro SIM slot x 2
- ◆ Optional RF pass-through connector for WLAN/ GNSS/ WWAN x 1
- ◆ 2 Docking connector x 1
- ◆ DC-in x 1

Security

- ◆ ARM® TrustZone®

Power

- ◆ AC adapter (65W, 100-240V AC, 50/60Hz)
- ◆ 4500mAh hot swappable battery, 13 hours battery life I
- ◆ Optional 9000mAh hot swappable battery, up to 26 hours battery life
- ◆ I Support fast chargingII

Rugged Feature

- ◆ IP65, MIL-STD-810G and MIL-STD-461G certified
- ◆ Vibration, shock and 5-foot drop resistance

Environmental

- ◆ Operating temperature : -20° C to +60°
- ◆ C Storage temperature : -30° C to +70° C
- ◆ Humidity : 95%, non-condensing

Dimensions & Weight

- ◆ 280 x 195 x 23 mm (11" x 7.7" x 0.9") (W x H x D)
- ◆ 1.4kg (3.09 lbs)III

Software

- ◆ DashON

Accessories



Detachable Keyboard



Vehicle Dock



Hard Handle



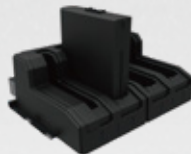
Shoulder Strap



Hand Strap



9000mAh Battery



4-bay Battery Charger



Car Adapter



I. Listed battery life is testing with wireless on. Battery life rating is for comparison purposes only. Actual battery life varies by configuration, application, power management and operating conditions.
 II. The fast charging is only available in turn-off state
 III. Actual weight varies by configurations and optional accessories.

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