RUGGON
Always on Rugged

SOL PA501
10.1" Fully Rugged Tablet
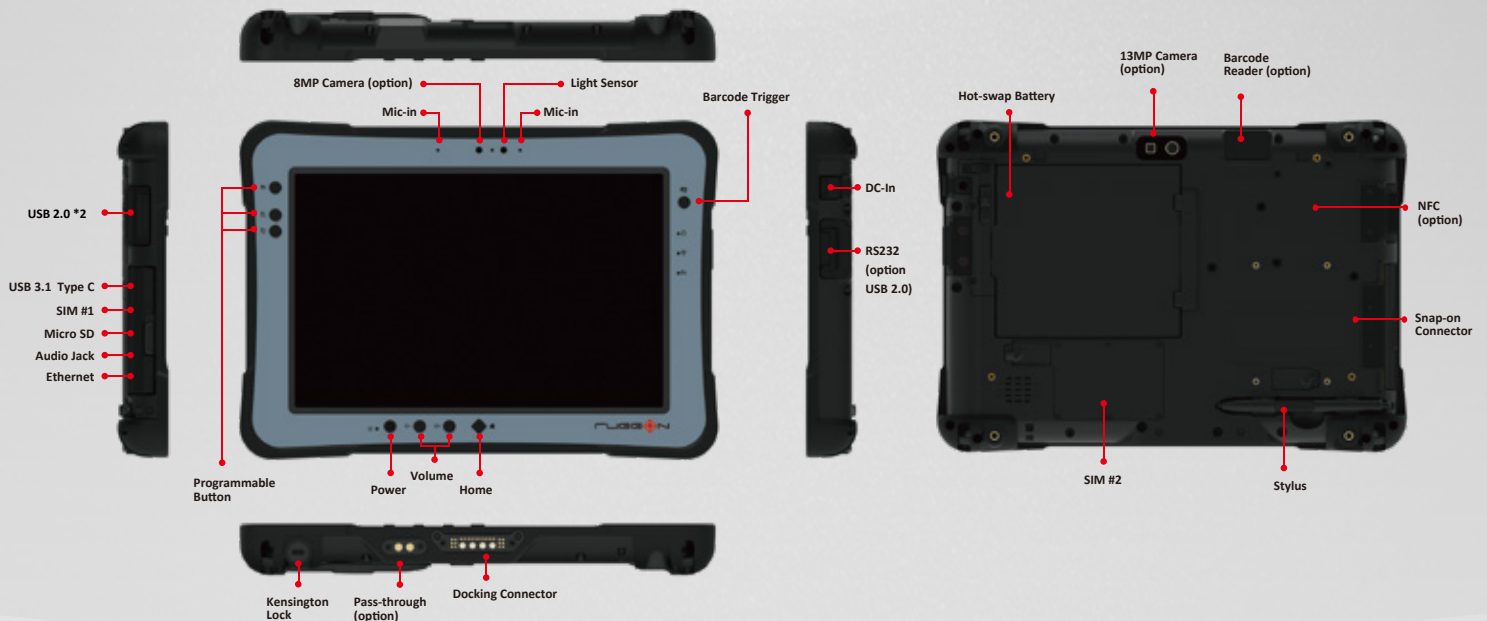
IP65   MIL-STD-810G   P-Cap

5'   1000 nits   5-foot Drop

Android Enterprise Recommended

SOTI MOBICONTROL CERTIFIED

- ◆ 10.1" rugged tablet with Qualcomm® Octa-Core processor
- ◆ Android 9 Pie with Google Mobile Services certified
- ◆ Sunlight readable display supports night mode and stealth mode
- ◆ 4G LTE with hot-swap 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
- ◆ The dedicated expansion options maximize efficiency in the field

8MP Camera (option)   Light Sensor   Barcode Trigger

Mic-in   Mic-in

USB 2.0 *2

USB 3.1 Type C
SIM #1
Micro SD
Audio Jack
Ethernet

Programmable Button
Power   Volume   Home

DC-In

RS232 (option USB 2.0)

Kensington Lock   Pass-through (option)   Docking Connector

13MP Camera (option)   Barcode Reader (option)

Hot-swap Battery

NFC (option)

Snap-on Connector

SIM #2   Stylus

Specifications

System

- Qualcomm® Snapdragon™ 660 Octa-Core, 1.9GHz up to 2.2GHz
- 3GB LPDDR4 RAM
- 32GB eMMC storage
- OS : Android 9.0, 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
- Bluetooth V5.0
- 4G LTE
- GNSS (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 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 charging [II]

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

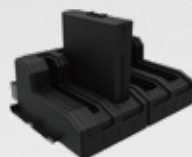Vehicle Dock

Hard Handle

Shoulder Strap

Hand Strap

9000mAh Battery

4-bay Battery Charger

Car Adapter

See website for more accessories.

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.

RUGGON