



**sol PA501B**  
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
- ◆ 4GB LPDDR4 RAM + 64GB eMMC storage
- ◆ 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
- ◆ Bluetooth V5.0
- ◆ 4G LTE certified with Verizon, AT&T and FirstNet™ through optional Sierra Wireless EM7511
- ◆ 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<sup>I</sup>
- ◆ Optional 9000mAh hot swappable battery, up to 26 hours battery life<sup>I</sup>
- ◆ Support fast charging<sup>II</sup>

## 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)<sup>III</sup>

## 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.