

# Rextorm

## PA - 501

10.1" Full Rugged Android Pad

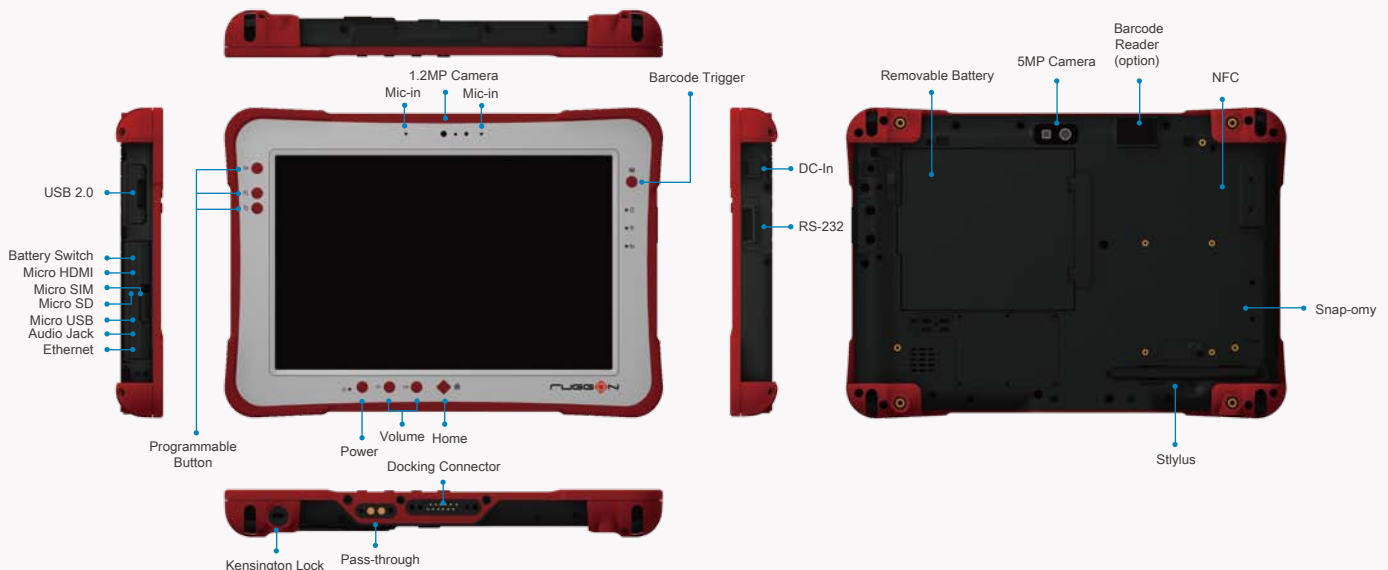
Rugged Mobility  
with  
Excellent Battery Life



- ◆ IP65, MIL-STD-810G, 5 feet drop resistance
- ◆ 1000 nit sunlight readable display
- ◆ Capacitive multi-touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
- ◆ GNSS, Wi-Fi, Bluetooth, optional 4G LTE
- ◆ Hot swappable battery design
- ◆ Wide expansion design for data capture
- ◆ Dual pass-through connector for WLAN, GNSS, WWAN

## I/O Diagram

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# Specifications

## Operating System

- Android 4.2

## CPU

- TI Dual Core Cortex A9 OMAP4470 1.5GHz

## Memory

- 2GB LPDDR2

## Storage

- 32GB eMMC (option 64GB)

## Display

- 10.1-inch 1920 x 1200 WUXGA, 1000 nit sunlight readable
- 5-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus
- Gorilla Glass3

## RF

- Wi-Fi 802.11 a/b/g/n
- Bluetooth V4.0
- Optional 3.5G or 4G LTE
- GNSS (GPS/GLONASS/BeiDou)

## Webcam

- 1.2MP front camera
- 5MP rear camera with auto focus and LED flash

## Data Collection

- NFC
- 2D barcode reader (option)
- Smart card reader-CAC (snap-on, by request)
- Magnetic stripe reader (snap-on, by request)

## Control Button

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

## LED Indicator

- Power on/off
- Wi-Fi on/off
- Fn on/off
- Battery full/charging/low

## Sensor

- Gyroscope, G-sensor, E-compass, light sensor

## Power Adapter

- AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W

## Battery

- Standard : 4500mAh, 10.8V, hot swappable  
Battery operation\* : 8 hours
- Extended : 9000mAh, 10.8V, hot swappable (option)  
Battery operation\* : 22 hours

\*Test condition : Display 80 nit, Wi-Fi/BT ON, volume 100%, play HD video

## I/O Interface

- USB 2.0 type A x 1, Micro USB x 1
- Gigabit Ethernet (RJ-45 ) x 1
- RS-232 x 1
- Audio jack (headphone/microphone combo) x 1
- RF pass-through connector x 2 for WLAN, GNSS, WWAN
- 12-pin docking connector x 1
- Speaker & microphone
- Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1

## Dimensions and Weight

- 28 x 19.5 x 2.3 cm (11" x 7.7" x 0.9")
- 1.32 kg (2.9 lbs)

## Rugged Feature

- IP65, MIL-STD-810G, shock & vibration, 5 feet drop

## Environment

- Operating temperature -20°C to 60°C
- Storage temperature -30°C to +70°C
- Humidity 5%~95%

## Software

- DsahON\* \*available to download from RuggON website

## IN-box Accessory

- Stylus
- Hand strap
- Shoulder strap
- Micro USB cable
- Handle
- Power adapter



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