



RA60



ULTRA RUGGED **BEST FOR OUTDOOR USE**

Handheld 6" Android™ Ultra Rugged Tablet Qualcomm QCM4490 Octa-core

The Rugged Tablet RA60 is engineered for the outdoors. With IP68-rated protection and a compact handheld design, it's built to withstand the toughest conditions. Powered by Android 14 and equipped with 5G connectivity, it ensures seamless app integration and a stable connection—even in remote areas.

The RA60 is the perfect companion for outdoor professionals across sectors like GIS mapping, utility inspection, environmental survey. Designed for dependable performance in extreme environments, it combines rugged durability with next-gen connectivity to deliver uninterrupted productivity in the field. Its ergonomic form factor, extended battery life, and robust software compatibility make it an indispensable tool for teams that demand speed, precision, and efficiency—wherever their work takes them.

Key Features

- Android™ 14, Qualcomm® QCM4490 CPU
- 6" 1080 × 1920 resolution
- Sunlight-readable, wet & glove-friendly touch
- 8GB LPDDR4X, 128GB UFS2.2
- IP68 protection, 1.5m drop, MIL-STD-810H
- Replaceable battery (8000mAh)
- Wi-Fi, BT v5.2, NFC and 4G LTE/5G
- 32MP rear camera, 8MP front camera
- Built-in GPS, GLONASS, GALILEO, BEIDOU
- Optional barcode scanner (Honeywell N3680)
- Optional RFID, high-precision GNSS Antenna
- Complete Accessory Package to facilitate your work

Download the Accessory Guide RA80 on www.rugstorm.com/download

Operating System

- Android™ 14 GMS

Processor

- Qualcomm® QCM4490, 2x Gold A78 @2.4GHz + 6x Silver A55@2.0GHz

Memory & Storage

- 8 GB LPDDR4X
- 128 GB UFS2.2

Display

- 6" 1080 x 1920 resolution
- Support wet & glove modes with capacitive 10-point touch
- 550 nits typical
- Direct bonding

Sensors

- Ambient light Sensor
- Accelerometer Sensor
- Barometer
- Gyroscope Sensor
- Proximity sensor
- Magnetic Sensor
- Compass

Audio

- 2 x microphone (noise suppression)
- 95db speaker (10 cm, 1 kHz)

Camera

- 32 MP rear camera with autofocus and and flashlight
- 8 MP front camera

Interface

- 1 x USB3.1 Type-C with Rubber Cover
 - Charging PD2.0 Max18W, OTG USB3.1, Digital headset
- 2 x Nano SIM card slot (DSDS)
- 1 x Micro SD Card Slot
 - support Micro SDXC Maximum:2TB
- Docking connector 14-pin back
- Buttons (programmable)
 - 4 x Front-keys (F1, F2, F3, Power)
 - 2 x Volume +/-
 - 1 x Return
 - 1 x Home
 - 1 x Menu
 - 1 x FN

Notes: User can customize the FN F1 F2 F3 function

Dimension & Weight

- 193.5mm L x 93.0mm W x 15mm D/7.6" L x 3.6" W x 0.6" D(with bumpers)
- 390g/0.86lbs

Power

- 1 x Li-ion 3.8 V, 8000mAh typical (30.4 Wh)
- Up to 8 hours working time
- AC/DC adapter: Input AC 100-240V 50/60 Hz; Output DC 9V/2A (QC3.0)

Wireless Connectivity

- Wi-Fi (WLAN)
 - IEEE 802.11 a/b/g/n/ac/ax (2.4 & 5GHz Wi-Fi6E)
- Cellular (WWAN)
 - 5G/4G LTE Global version
- BT (WPAN)
 - v5.2
- GNSS
 - GPS
 - Galileo
 - BeiDou
 - GLONASS
- RFID
 - NFC (TypeA, TypeB, ISO/IEC 15693)

Environment & Ruggedness

- Operating temperature
 - -20°C to 60°C/-4°F to 140°F
- Storage temperature
 - -40°C to 70°C/-40°F to 158°F
- Humidity
 - 0% to 95% non-condensing
- Sealing
 - IP68
- MIL-STD-810H Method 516.8 1.5m/5'

Certifications

- FCC
- CE, RoHS
- IC
- REACH
- GMS
- WEEE

Optional Accessory

- Battery Charger
- High Precision GNSS Antenna
- Multi-Battery Charging Station
- Hand Strap
- Barcode Reader
- RFID Reader