

RA80



RUGGED A TRUSTWORTHY PARTNER

8" Android® Rugged Tablet Qualcomm® SM4290

RA80 rugged tablet integrates Android 13 and is GMS certified. Supporting regular security patch update from Google helps to improve security capability of the tablet.

Featuring a high-brightness IPS LCD with 800 nits and direct bonding technique, RA80 ensures maximum screen light transmission and anti-glare properties, providing an exceptional sunlight-readable experience. Users can easily view the screen even while wearing sunglasses.

For long time working, RA80 offers 8200mAh big capacity and replaceable battery design. Users are also able to replace battery when hand-strap is installed on tablet.

Key Features

- Android™ 13, Qualcomm® QCM4290 CPU
- 8" 1280 × 800 resolution
- Sunlight-readable(800 nits), wet & glove-friendly touch
- 6GB LPDDR4X, 128GB eMMC
- IP67 protection, 1.2m drop, MIL-STD-810H
- Replaceable battery(8200mAh)
- Wi-Fi, BT v5.1, NFC and 4G LTE
- Built-in GPS
- Complete Accessory Package to facilitate your work

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

Operating System

- Android™ 13 GMS

Processor

- Qualcomm® QCM4290, 2.0GHz/1.8GHz Octa-core

Memory & Storage

- 6 GB LPDDR4X
- 128 GB eMMC

Display

- 8" 1280 x 800 resolution
- Support wet & glove modes with capacitive 10-point touch
- 800 nits typical
- Direct bonding

Sensors

- Ambient light sensor
- Accelerometer
- Compass
- Gyroscope

Audio

- 1 x 3.5 mm audio combo jack
- 2 x Built-in microphone
- 95db speaker (10 cm, 1 kHz)

Camera

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

Interface

- 1 x USB2.0 Type-C host (OTG)
- 1 x Nano SIM card slot
- 1 x Micro SDXC (Max: 1TB) slot
- Docking connector 2-pin side, 14-pin back
- Buttons (programmable)
 - 1 x Power
 - 2 x Volume +/-
 - 1 x Return
 - 1 x Home
 - 1 x Menu
 - 1 x F1 (default)
 - 1 x F2 (default)

Dimension & Weight

- 235.0mm L x 146.0mm W x 14.5mm D/9.3" L x 5.7" W x 0.6" D
- 0.61kg/1.34lbs

Power

- 1 x Li-ion 3.8 V, 8200mAh typical
- 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)
 - 802.11 a/b/g/n/ac 2.4, 5 GHz
- Cellular (WWAN)
 - 4G LTE Global version
- BT (WPAN)
 - v5.1
- 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
 - IP67
- MIL-STD-810H Method 516.8 1.2m/4'

Certifications

- FCC
- CE, RoHS2
- IC
- REACH
- GMS
- WEEE

Optional Accessory

- Battery Charger
- High Precision Antenna
- Shoulder Strap
- Hand Strap