RUG⚡STORM

SA100

SLIM-RUGGED DURABILITY MEETS ELEGANCE

10.1'' Android™ Slim-rugged Tablet
Qualcomm® SM4350-AC

Exemplifying the pinnacle of thin and light design, with thinest 11.8mm and 635g weight, SA100 offers users a comfortable handheld working experience. Meanwhile, as a member of the S series, SA100 provides IP65 water and dust protection, along with 1.2m drop resistance.

Powered by cutting-edge 5G communication technology, SA100 exceeds the requirements for data transmission volume and speed in industrial applications. It delivers stable wireless communication performance across diverse work scenarios.

To facilitate field data acquisition, SA100 offers an optional built-in 1D/2D barcode scanner featuring Honeywell N6703 scan engine.

Key Features

- Android™ 12, Qualcomm® SM4350-AC
- 10.1'' 1920 × 1200 resolution
- Support wet & glove-friendly touch
- 6GB LPDDR4X, 128GB UFS
- IP65 protection, 1.2m drop, MIL-STD-810H
- Wi-Fi, BT v5.1, NFC, 4G LTE/5G
- 32MP rear camera AF/LED flash, 8MP front camera
- Built-in GPS
- Optional barcode scanner (Honeywell N6703)
- Complete Accessory Package to facilitate your work

Download the Accessory Guide SA100 on www.rugstorm.com/download

Operating System

- Android™ 12 GMS

Processor

- Qualcomm® SM4350-AC, 2.2GHz/1.8GHz Octa-core

Memory & Storage

- 6 GB LPDDR4X
- 128 GB UFS

Display

- 10.1" 1920 x 1200 resolution
- Support wet & glove modes with capacitive 10-point touch
- 500 nits typical
- Direct bonding

Sensors

- Ambient light sensor
- Accelerometer
- Compass
- Gyroscope

Audio

- 95db speaker (10 cm, 1 kHz)
- 2 x Built-in microphone

Camera

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

Interface

- 1 x USB3.1 Type-C host (OTG)
- 1 x Nano SIM card slot
- 1 x Micro SDXC (Max: 1TB) slot
- Docking connector 7-pin bottom
- Buttons (programmable)
  - 1 x Power
  - 2 x Volume +/-
  - 1 x Return (default)

Dimension & Weight

- 248.9mm L x 166.0mm W x 16.3 mm D/10.0"L x 7.2"W x 0.6"D
- 0.64kg/1.4lbs

Power

- 1 x Li-ion 3.8 V, 9200mAh typical
- Up to 8 hours working time
- AC/DC adapter:Input AC 100-240V 50/60 Hz; Output DC 5V/3A 9V/2A(QC3.0)

Wireless Connectivity

- Wi-Fi (WLAN)
  - 802.11 a/b/g/n/ac 2.4, 5 GHz
- Cellular (WWAN)
  - 5G/4G LTE Global version
- BT (WPAN)
  - v5.1
- GNSS
  - GPS
  - Galileo
  - BeiDou
  - GLONASS
  - NavIC
  - QZSS
- RFID
  - NFC (TypeA, TypeB, ISO/IEC 15693)

Environment & Ruggedness

- Operating temperature
  - -10°C to 60°C/14°F to 140°F
- Storage temperature
  - -40°C to 70°C/-40°F to 158°F
- Humidity
  - 0% to 95% non-condensing
- Sealing
  - IP65
- MIL-STD-810H Method 516.8 1.2m/4'

Certifications

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

Integrated Options

- Optional 1D/2D barcode scanner (Honeywell N6703)

Optional Accessory

- Hand Strap