

# Sonim RT80

## Fully-rugged tablet

### Fully-rugged and ready to perform.

The Sonim RT80 is a lightweight 8" fully-rugged tablet that is purpose built to the toughest standards in the industry, making it the smart choice for mission critical data collection and mobile computing in a variety of industries.

**Waterproof.**  
**Drop proof.**  
**Chemical resistant.**  
**Long-lasting battery.**

Designed to perform in any environment, the Sonim RT80 is made to withstand the toughest working conditions. With its glove-friendly sunlight readable 8" display and multi-shift battery, it has everything you need in a fully-rugged tablet.



### Features

#### Chemical resistant for extra safety

The RT80 is waterproof and chemical resistant, making it easy to disinfect with recommended cleaning agents.

#### Drop proof and glove-friendly

MIL-STD-810G and IP67 ratings ensure durability, while a glove-friendly, sun-light readable, 8" display makes operation easy, even in extreme environments.

#### SonimWare included

Increase productivity and efficiency with our propriety set of software tools, applications and utilities designed specifically for our customers.

#### Programmable buttons and Push-to-Talk ready

Supports Push-to-Talk applications that allow for instant communication, while the customizable physical buttons let you tailor the RT80 to your workflow.

#### High-bandwidth 4G LTE

Connectivity ensures you always have a strong connection for high-speed communication.

#### High-capacity multi-shift battery

The user replaceable high-capacity multi-shift battery provides more than enough power to get you through the day.

#### 2-year comprehensive warranty

Rest easy knowing your device is covered with a 2-year warranty should anything happen to it.

# Sonim RT80

## technical specifications



### Core Platform/Functions

<b>Operating System</b>	Android™ 10
<b>Chipset</b>	Qualcomm MSM8953 Pro, Octa-core 2.2GHz
<b>Bands</b>	<b>LTE:</b> B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B20/B25/B26/B28a/B38/B39/B40/B41/B66 <b>GSM:</b> 850/900/1800/1900MHz <b>WCDMA:</b> B1/B2/B4/B5/B8
<b>1 Wi-Fi</b>	802.11a/b/g/n/ac/e/i/r Dual band 2.4GHz / 5GHz
<b>Memory</b>	4GB RAM/64GB ROM Supports up to 256 GB microSD external memory
<b>Preloaded Applications</b>	Sonim Scout, Google Play

### Connectivity

<b>Bluetooth</b>	BT 4.2 / BLE
<b>Wi-Fi Calling</b>	No
<b>GPS</b>	GPS/a-GPS, GLONASS, Galileo, Beidou
<b>Sensors</b>	Ambient Light, Accelerometer, E-Compass, Gyro, Barometer
<b>NFC</b>	Yes
<b>Languages Supported</b>	Visit <a href="http://support.google.com">support.google.com</a> for a full list of languages

### Battery

<b>Capacity</b>	8200 mAh Li-Ion (31.16 WHr), Removable
<b>Charging</b>	Quick Charge 3.0 via USB-C

### Physical Characteristics

<b>Size</b>	235mm x 146mm x 15mm
<b>Weight</b>	634 g
<b>Dedicated Keys</b>	Programmable hard keys available F1 (programmable), F2 (programmable), Back, Home, Recent, Power, Volume up, Volume down
<b>Ports</b>	USB-C 2.0 3.5 mm audio 4FF Nano SIM
<b>Rugged Certifications</b>	MIL-STD-810G; IP-67
<b>Environmental</b>	Operation: -20 to +55 C Storage: -40 to +70 C Humidity: 0-95% RH, non-condensing

### Display

<b>2 Size/Type</b>	8.0 inch, Gorilla Glass 3
<b>Resolution</b>	FHD+ 1920 x 1200, Sunlight readable Anti-Fingerprint coating Glove and Wet touch modes

### Audio

<b>Microphone</b>	Single mic
<b>3 Speaker</b>	Rear loud speaker

### Multimedia

<b>Audio Formats</b>	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3
<b>Video Formats</b>	3GPP, MP4, WMV, AVI, MOV, MPEG-2, MPEG-4, H.263, H.264, H.265
<b>Graphic</b>	JPEG, PNG, BMP
<b>Media Player</b>	Yes
<b>Camera</b>	Front: 5 MP Rear: 13 MP with Flash and auto-focus
<b>Flashlight</b>	Yes
<b>Inbox Accessories</b>	Battery, Wall Charger (US, UK, EU, ANZ plugs), USB-C Cable, Handstrap