

# Sonim XP8

## Ultra-rugged smartphone

### Safe to disinfect and built to last

Mission critical situations require smart communication, data collection/sharing and connectivity more than ever before. And in extreme conditions, no ordinary smartphone will do. Built to the toughest standards in the industry, **Sonim Rugged Performance Standards**.

**Waterproof.**  
**Drop proof.**  
**Impact-resistant.**  
**Chemical-resistant.**

Sonim XP8 is simply the most reliable smartphone you can carry.



### Features

Survive hazardous and extreme environments with **Industry-Leading Rugged Performance Standards**, MIL-STD-810G and Non-Incendive Class I, II & III, Div 2 ratings

Instantly connect and share private information on the nation's only dedicated public safety network with **FirstNet and B14 capabilities**

**Thoroughly disinfect your device with chemical agents** including isopropyl alcohol, chlorine bleach, detergents and more

Access programmable buttons and applications in any condition with **Gloved hand/Wet finger operation**

Hear every word even in the noisiest places with **Extremely Loud & Clear Audio**

Communicate more powerfully, more freely, more securely with **Handset Powered Audio Accessories** connected through **Sonim's SecureAudio Connector**  
Connect instantly, reliably, every single time with **Push-To-Talk\***

Enjoy all-day power with **Multi-shift Battery Life**

Install, manage and control communications more efficiently with **Hassle-Free Deployment** and the **Sonim SCOUT Enterprise XPerience**

Do more in more places with Industrial-grade Accessories connected through **Sonim's XPand Interface**

Communicate more, worry less with an unmatched **3-year Comprehensive Warranty**

\* Please check with your service provider for availability.

# Sonim XP8

## technical specifications



### Core Platform/Functions

<b>Operating System</b>	Android™ 10
<b>Chipset</b>	Snapdragon™ 630 with 2.2GHz x4 /1.9GHz x4 Octa cores
<b>Band</b>	<b>LTE:</b> B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B20/B25/B26/B27/B28/B29/B30/B38/B39/B40/B41/B66 <b>UMTS:</b> B1/B2/B4/B5/B8 <b>GSM:</b> 850/900/1800/1900MHz
<b>Carrier Aggregation</b>	Download up to 3x CA
<b>Wi-Fi</b>	IEEE802.11 a/b/g/n/ac/e/k/r/h 2.4/5GHz Miracast™ - WiFi direct
<b>Memory</b>	4GB RAM/64GB ROM 45GB available user memory Supports up to 128GB MicroSD external memory
<b>Preloaded Applications</b>	Sonim SCOUT, Push-to-Talk, Google Play

### Connectivity

<b>Bluetooth</b>	BT5.0 with BLE
<b>Messaging</b>	SMS, MMS
<b>Wi-Fi Calling</b>	Yes <sup>1</sup>
<b>VoLTE</b>	Yes <sup>1</sup>
<b>Video Calling</b>	Yes <sup>1</sup>
<b>Location Service</b>	GPS/a-GPS, GLONASS, Galileo*, BeiDou*
<b>Sensors</b>	Accelerometer, E-Compass, Light, Proximity, Barometer, Gesture, Gyroscope, Fingerprint
<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 <sup>2</sup>
<b>Real-Time Text (RTT)</b>	Yes*

### Battery

<b>Capacity</b>	4900mAh Li-Ion, Removable
<b>Charging</b>	Quick Charge 3.0 via USB-C
<b>Battery Life</b>	Talk: 35 Hours, Standby: 600 Hours

### Inbox Accessories

Battery, Wall Charger, USB-C Cable, Screwdriver, Quick Start Guide

### Physical Characteristics

<b>Size</b>	152 mm x 79.5 mm x18 mm
<b>Weight</b>	335g
<b>Dedicated Keys</b>	PTT Key, Programmable Key, Volume Keys, SOS Red Alert, Power On/Off; Home, Back, & Recent
<b>Ports</b>	XPand Interface, USB-C, Sonim SecureAudio Connector, Charging Pins
<b>Lanyard Loop</b>	Yes
<b>Rugged Certifications</b>	IP Rating: IP68 / IP69K MIL-STD-810G Non-Incendive Class I, Div 2, Groups A-D Class II, Div 2, Groups F, G Class III, Div 2
<b>Operating Temperature</b>	-4°F to 131°F / -20°C to 55°C

### Display

<b>Size/Type</b>	5" Gorilla Glass 3
<b>Resolution</b>	FHD 1080x1920
<b>Colors</b>	16.7M

### Audio

<b>Microphone</b>	3 mic solution with noise cancellation
<b>Speaker</b>	Dual front-facing loud speakers; output 100dB+
<b>HAC</b>	M4/T4 Hearing Aid Compatible

### 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>FM Radio</b>	Yes (Requires wired headset for antenna)
<b>Camera</b>	12MP PDAF Rear Camera with Flash 8MP FF Front Camera without Flash
<b>LED Torch Light</b>	Yes

<sup>1</sup> Please check with your service provider for availability.

<sup>2</sup> Language availability based on region.

\* May vary by country.