

# Introducing Sonim XP8

**Ultra-rugged.  
Ultra-smart.  
And the guts  
to prove it.**

Today, mission critical situations require smart communication, data collection/sharing and connectivity, more than ever. And in extreme conditions, no ordinary smartphone will do. Sonim XP8 is the toughest, most reliable smartphone, ensuring clear, real-time voice and data, in even the most punishing, most demanding environments.



## Features

Utilize more applications, faster with Android

Get more out of your workers with Worker Productivity Applications\*

Survive hazardous environments with a Non-Incendive Class I, II & III, Division 2 rating

Do more in more places with Radio-grade Accessories

Gloved hand/Wet finger operation

Enjoy all-day power with Multi-shift Battery Life

Communicate more powerfully, more freely with Handset Powered Audio Accessories

Install, manage and control communications more efficiently with the Sonim SCOUT Enterprise XPerience

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

Be more productive faster with Hassle-Free Deployment

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

Connect instantly, reliably, every single time with Push To Talk\*

\* Please check with your service provider for availability.

# Sonim XP8

## technical specifications



### Core Platform/Functions

<b>Operating System</b>	Android N
<b>Chipset</b>	Snapdragon 630 OctaCore @ 2.2GHz 64 bit
<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>Antenna</b>	MIMO antenna for LTE
<b>WiFi</b>	IEEE802.11 a/b/g/n/ac/e/k/r 2.4GHz and 5.0 GHz 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 <sup>1</sup> , Google Play, ability to load Sonim certified apps

### Connectivity

<b>Bluetooth</b>	BT5.0 with BLE
<b>WiFi Calling</b>	Yes
<b>Messaging</b>	SMS, MMS (Text, Image, Audio, Video)
<b>GPS</b>	GPS, GLONASS, BeiDou
<b>Sensors</b>	Fingerprint, Accelerometer, Barometer, E-Compass, Gesture, Gyro, Light, Proximity
<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>

### Battery

<b>Capacity</b>	4900mAh Li-Ion, Removable
<b>Battery Life</b>	Talk: 30 Hours, Standby: 30 Days
<b>Charging</b>	Quick Charge 4.0 via USB-C

### Physical Characteristics

<b>Size</b>	152 mm x 79.5 mm x 18 mm
<b>Weight</b>	335g
<b>Dedicated Keys</b>	PTT Button, Stealth Mode / Programmable Button, Volume Button, Emergency Orange Button, 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>	Non-Incendive Class I, Div 2, Groups A, B, C, D; Class II & III, Div 2, Groups F, G; MIL-STD-810G; IP-68 / IP-69
<b>Display</b>	
<b>Size/Type</b>	5.0" Gorilla Glass 3
<b>Resolution</b>	FHD 1920x1080
<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
<b>Camera</b>	12MP PDAF rear camera with flash 8MP FF front camera without flash
<b>LED Torch Light</b>	Yes

### Inbox Accessories

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

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

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