

# Introducing Sonim XP8

## Smart for work because it's 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.**

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

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**

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

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

Communicate more powerfully, more freely, more securely with **Handset Powered Audio Accessories** connected through **Sonim's SecureAudio Connector**

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

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

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 N
<b>Chipset</b>	Snapdragon 630 OctaCore @ 2.2GHz 64bit
<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>CDMA/EVDO<sup>1</sup>:</b> BC0/BC1/BC10 <b>GSM:</b> 850/900/1800/1900MHz
<b>Antenna</b>	MIMO antenna for LTE
<b>Wi-Fi</b>	IEEE802.11 a/b/g/n/ac/r 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 <sup>2</sup> , Lone Worker/Man-down <sup>2</sup> , Google Play

### Connectivity

<b>Bluetooth</b>	BT5.0 with BLE
<b>Wi-Fi Calling</b>	Yes
<b>Messaging</b>	SMS, MMS, Video Calling, OMA CPM Advanced Messaging
<b>GPS</b>	GPS, GLONASS, BeiDou
<b>Sensors</b>	Video Calling, OMA CPM Advanced Messaging <sup>2</sup>
<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>3</sup>

### Battery

<b>Capacity</b>	4900mAh Li-Ion, Removable
<b>Charging</b>	Quick Charge 4.0 via USB-C

<sup>1</sup> CDMA/EVDO available for certain carriers only.

<sup>2</sup> Please check with your service provider for availability.

<sup>3</sup> Language availability based on region.

### Physical Characteristics

<b>Size</b>	152 mm x 79.5 mm x 18 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, Dual Nano SIM Card Slots
<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 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
<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**