

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

Operating System	Android N
Chipset	Snapdragon 630 OctaCore @ 2.2GHz 64bit
Band	LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B20/B25/B26/B27/B28/B29/B30/B38/B39/B40/B41/B66 UMTS: B1/B2/B4/B5/B8 CDMA/EVDO¹: BC0/BC1/BC10 GSM: 850/900/1800/1900MHz
Antenna	MIMO antenna for LTE
Wi-Fi	IEEE802.11 a/b/g/n/ac/r 2.4/5GHz Miracast™ - WiFi direct
Memory	4GB RAM/64GB ROM 45GB available user memory Supports up to 128GB MicroSD external memory
Preloaded Applications	Sonim SCOUT, Push-to-Talk ² , Lone Worker/Man-down ² , Google Play

Connectivity

Bluetooth	BT5.0 with BLE
Wi-Fi Calling	Yes
Messaging	SMS, MMS, Video Calling, OMA CPM Advanced Messaging
GPS	GPS, GLONASS, BeiDou
Sensors	Video Calling, OMA CPM Advanced Messaging ²
NFC	Yes
Languages Supported	Visit support.google.com for a full list of languages ³

Battery

Capacity	4900mAh Li-Ion, Removable
Charging	Quick Charge 4.0 via USB-C

¹ CDMA/EVDO available for certain carriers only.

² Please check with your service provider for availability.

³ Language availability based on region.

Physical Characteristics

Size	152 mm x 79.5 mm x 18 mm
Weight	335g
Dedicated Keys	PTT Key, Programmable Key, Volume Keys, SOS Red Alert, Power On/Off; Home, Back, & Recent
Ports	XPand Interface, USB-C, Sonim SecureAudio Connector, Charging Pins, Dual Nano SIM Card Slots
Lanyard Loop	Yes
Rugged Certifications	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
Display	
Size/Type	5.0" Gorilla Glass 3
Resolution	FHD 1080x1920
Colors	16.7M

Audio

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

Multimedia

Audio Formats	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3
Video Formats	3GPP, MP4, WMV, AVI, MOV, MPEG-2, MPEG-4, H.263, H.264, H.265
Graphic	JPEG, PNG, BMP
Media Player	Yes
FM Radio	Yes
Camera	12MP PDAF Rear Camera with Flash 8MP FF Front Camera without Flash
LED Torch Light	Yes

Inbox Accessories

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