

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 10
Chipset	Snapdragon 630 OctaCore @ 2.2GHz 64bit, 3GPP Rel-12
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 GSM: 850/900/1800/1900MHz
Antenna	MIMO antenna for LTE
QCIs for Mission Critical Service	QCI-65,QCI-66,QCI-69, QCI-70
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 ¹ , Google Play

Connectivity

Bluetooth	BT5.0 with BLE
Wi-Fi Calling	Yes
Messaging	SMS, MMS
GNSS	GPS, GLONASS
Sensors	Accelerometer, E-Compass, Light, Proximity, Barometer, Gesture, Gyro
NFC	Yes
Languages Supported	Visit support.google.com for a full list of languages ²
Dual SIM Dual Standby	Yes with Dual Nano SIM Slots

Battery

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

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
Lanyard Loop	Yes
Rugged Certifications	Non-Incendive Class I, Div 2, Groups A, B, C, D; Class II & III, Div 2, Groups F, G; ATEX/IECEx Zone 2, MIL-STD-810G; IP-68 / IP-69

Display

Size/Type	5" 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, aptX, 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

¹ Please check with your service provider for availability.

² Language availability based on region.