

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

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**

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 Oreo |
| Chipset | Snapdragon™ 630 with 2.2GHz x4 / 1.9GHz x4 Octa cores |
| 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 |
| Carrier Aggregation | Download up to 3x CA |
| Wi-Fi | IEEE802.11 a/b/g/n/ac/e/k/r/h 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, Google Play |

Connectivity

| | |
|-----------------------------|--|
| Bluetooth | BT5.0 with BLE |
| Messaging | SMS, MMS |
| Wi-Fi Calling | Yes ¹ |
| VoLTE | Yes ¹ |
| Video Calling | Yes ¹ |
| Location Service | GPS/a-GPS, GLONASS, Galileo*, BeiDou* |
| Sensors | Accelerometer, E-Compass, Light, Proximity, Barometer, Gesture, Gyroscope, Fingerprint |
| NFC | Yes |
| Languages Supported | Visit support.google.com for a full list of languages ² |
| Real-Time Text (RTT) | Yes* |

Battery

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

Inbox Accessories

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

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 | 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 |
| Operating Temperature | -4°F to 131°F / -20°C to 55°C |

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, 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 (Requires wired headset for antenna) |
| 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.

* May vary by country.