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

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Android N</td>
</tr>
<tr>
<td>Chipset</td>
<td>Snapdragon 630 OctaCore @ 2.2GHz 64bit</td>
</tr>
<tr>
<td></td>
<td>UMTS: B1/B2/B4/B5/B8</td>
</tr>
<tr>
<td></td>
<td>CDMA/EVDO: BC0/BC1/BC10</td>
</tr>
<tr>
<td></td>
<td>GSM: 850/900/1800/1900MHz</td>
</tr>
<tr>
<td>Antenna</td>
<td>MIMO antenna for LTE</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>IEEE802.11 a/b/g/n/ac/r - WiFi direct</td>
</tr>
<tr>
<td>Memory</td>
<td>4GB RAM/64GB ROM 45GB available user memory</td>
</tr>
<tr>
<td></td>
<td>Supports up to 128GB MicroSD external memory</td>
</tr>
<tr>
<td>Preloaded Applications</td>
<td>Sonim SCOUT, Push-to-Talk2, Lone Worker/Man-down2, Google Play</td>
</tr>
</tbody>
</table>

## Physical Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>152 mm x 79.5 mm x 18 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>335g</td>
</tr>
<tr>
<td>Dedicated Keys</td>
<td>PTT Key, Programmable Key, Volume Keys, SOS Red Alert, Power On/Off;</td>
</tr>
<tr>
<td></td>
<td>Home, Back, &amp; Recent</td>
</tr>
<tr>
<td>Ports</td>
<td>XPand Interface, USB-C, Sonim SecureAudio Connector, Charging Pins,</td>
</tr>
<tr>
<td></td>
<td>Dual Nano SIM Card Slots</td>
</tr>
<tr>
<td>Lanyard Loop</td>
<td>Yes</td>
</tr>
<tr>
<td>Rugged Certifications</td>
<td>Non-Incendive Class I, Div 2, Groups A, B, C, D, Class II &amp; III, Div 2,</td>
</tr>
<tr>
<td></td>
<td>Groups F, G; MIL-STD-810G; IP-68 / IP-69</td>
</tr>
<tr>
<td>Display</td>
<td>5.0&quot; Gorilla Glass 3</td>
</tr>
<tr>
<td>Resolution</td>
<td>FHD 1080x1920</td>
</tr>
<tr>
<td>Colors</td>
<td>16.7M</td>
</tr>
</tbody>
</table>

## Connectivity

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluetooth</td>
<td>BT5.0 with BLE</td>
</tr>
<tr>
<td>Wi-Fi Calling</td>
<td>Yes</td>
</tr>
<tr>
<td>Messaging</td>
<td>SMS, MMS, Video Calling, OMA CPM Advanced Messaging</td>
</tr>
<tr>
<td>GPS</td>
<td>GPS, GLONASS, BeiDou</td>
</tr>
<tr>
<td>Sensors</td>
<td>Video Calling, OMA CPM Advanced Messaging</td>
</tr>
<tr>
<td>NFC</td>
<td>Yes</td>
</tr>
<tr>
<td>Languages Supported</td>
<td>Visit support.google.com for a full list of languages³</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>3 mic solution with noise cancellation</td>
</tr>
<tr>
<td>Speaker</td>
<td>Dual front-facing loud speakers; output 100dB+</td>
</tr>
<tr>
<td>HAC</td>
<td>M4/T4 Hearing Aid Compatible</td>
</tr>
</tbody>
</table>

## Multimedia

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

## Inbox Accessories

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery, Wall Charger, USB-C Cable, Screwdriver, Quick Start Guide</td>
<td></td>
</tr>
</tbody>
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1. CDMA/EVDO available for certain carriers only.
2. Please check with your service provider for availability.
3. Language availability based on region.