

Data Sheet

# The new Sonim XP5plus 5G.

Legendary toughness to meet the demands of today.



## SONIM XP5plus 5G



### A better way to two-way.

Today, work takes us more places than ever and we need to stay connected from each one. Enter the new Sonim XP5plus 5G. With support for AT&T Enhanced PTT that enables LMR interoperability, the XP5plus 5G provides reliable, fast, and secure communication across devices. Plus, it's optional top-mounted volume control and channel select knobs offer radio-like functionality.

Rigorous IP68, IPx9K, MIL-STD-810H and Class 1-3, Div 2 ratings protect against the elements, including water, drops and dust. And it has plenty of upgrades—5G, improved OS, optional eSIM functionality, more memory, more powerful and faster charging. Count on staying connected, when it counts most.

made with  
**Qualcomm**  
Technologies

\* Available on select models

### Features



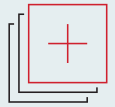
Side-mounted **PTT** and top-mounted **Programmable (SOS)** buttons put instant communication at your fingertips.



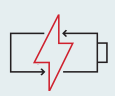
Top-mount **channel select** and **volume control knobs\*** provides easy access to radio-like functionality.



Ultra-rugged **IP68, IPx9K, MIL-STD-810H, Class 1-3, Div 2 ratings** stand up to the most extreme conditions.



**A wide-range of available accessories**, connected by Sonim's SecureAudio™ Connector, unlock even more functionality of the XP5plus 5G.



A **3500mAh** removable multi-shift battery provides reliable power during even the longest shifts.



**3-Year Comprehensive Warranty** gives permission to push the limits no matter the scenario.

# Powerful connectivity just got an upgrade.



## Core Platform/Functions

<b>Operating System</b>	Sonim Proprietary OS based on AOSP 15
<b>Chipset</b>	Qualcomm SM4450 (2x A78, 2.0GHz, 6x A55, 1.8GHz)
<b>Bands</b>	<b>5G:</b> n2, n5, n7, n14, n25, n28, n38, n41, n48, n66, n71, n77, n78 <b>LTE:</b> 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 20, 25, 26, 28, 29, 30, 38, 41, 42, 43, 48, 66, 71 <b>UMTS:</b> I, II, IV, V, VIII
<b>Wi-Fi</b>	802.11 a/b/g/n/ac 2.4GHz, 5GHz Hotspot capable up to 10 connections
<b>Memory</b>	4GB DDR4/64GB eMMC ROM Supports up to 512GB MicroSD external memory
<b>Preloaded Applications</b>	SonimWare™

## Connectivity

<b>Bluetooth</b>	BT5.0 BLE
<b>Messaging</b>	SMS, MMS (Text, Image, Audio, Video)
<b>Location Service</b>	GPS L1 + L5 /a-GPS, Galileo
<b>NFC</b>	No
<b>Sensors</b>	Accelerometer, Barometer
<b>Languages Supported</b>	English, Spanish, Simplified Chinese, Traditional Chinese, Canadian French
<b>Real-Time Text (RTT)</b>	Yes

## Battery

<b>Capacity</b>	3500mAh Removable, 15W/18W Fast Charge
<b>Battery Life</b>	Talk (VoLTE): Up to 25 hours Standby (5G): Up to 390 hours
<b>Wireless Charging</b>	No

## Display

<b>Size/Type</b>	2.8", Corning Gorilla Glass 3
<b>Resolution</b>	640x480
<b>Colors</b>	262K

## Physical Characteristics

<b>Size</b>	With knobs: 163.7 x 65.9 x 21mm Without knobs: 148.7 x 65.9 x 21mm
<b>Weight</b>	265g(no knobs), 277g (with knobs)
<b>Dedicated Keys</b>	PTT Key, Volume Keys, Emergency Key
<b>Ports</b>	USB Type-C, SecureAudio™ Connector
<b>SIM Type</b>	4FF SIM, eSIM
<b>Rugged Certifications</b>	Class I, Div 2, Groups A, B, C, D, T4; Class II, Div 2, Groups F, G, T4; Class III, Div2; MIL-STD-810H; IP68, IPx9K
<b>Operating Temperature</b>	-20°C ~ +55°C

## Audio

<b>Microphone</b>	Dual mic solution with noise and echo cancellation
<b>Speaker</b>	Dual Front-facing loud speaker: output 100dB+
<b>HAC</b>	ANSI 2019

## Multimedia

<b>Audio Formats</b>	PCM, AAC, MP3*, AMR-NR/WB, FLAC*, Vorbis*; AAC+*, eAAC+*, SBC, APTX/APTX HD
<b>Video Formats</b>	HEVC/H.265, H.264, H.263, MPEG-4, VP8, VP9*
<b>Graphic</b>	JPG, PNG, BMP, GIF, WebP, HEIF
<b>Media Player</b>	Yes
<b>Camera</b>	8MP Front with Flash
<b>LED Flashlight</b>	Yes

## In-box Items

XP5plus 5G, SIM Card, USB Type-C Cable, Screwdriver, Wall Charger, Quick Start Guide