

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



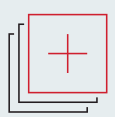
Side-mounted **PTT** and top-mounted **Programmable (SOS)** buttons put instant communication at your fingertips.



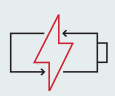
Top-mount **channel select** and **volume control knobs*** provides easy access to radio-like functionality.



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 Warranty gives permission to push the limits no matter the scenario.

Powerful connectivity just got an upgrade.



Core Platform/Functions

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

Connectivity

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

Battery

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

Display

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

Physical Characteristics

Size	With knobs: 163.7 x 65.9 x 21mm Without knobs: 148.7 x 65.9 x 21mm
Weight	265g(no knobs), 277g (with knobs)
Dedicated Keys	PTT Key, Volume Keys, Emergency Key
Ports	USB C, SecureAudio™ Connector
SIM Type	4FF SIM, eSIM
Rugged Certifications	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
Operating Temperature	-20°C ~ +55°C

Audio

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

Multimedia

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

In-box Items

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