Data Sheet

The new Sonim XP5plus 5G.

Legendary toughness to meet the demands of today.



sonim® XP5plus 5G

PREMIER WIRELESS
BUSINESS TECHNOLOGY SOLUTIONS

NETWORK CERTIFIED

T PRIORITY

A better way to two-way.

Today's teams go more places than ever—and staying connected is non-negotiable. Government agencies, fleet operators, and Fortune 500 companies continue to choose the XP5plus series for its future-proof flexibility, rock-solid reliability, and purpose-built features their crews depend on every day.

Unlike traditional LMR radios, the XP5plus 5G uses 5G cellular architecture that provides virtually limitless range and coverage, ensuring teams stay connected wherever the mission takes them. With Mission-Critical PTT, plus voice calling and SMS that can be enabled or locked down in kiosk mode, the XP5plus 5G delivers fast, secure, seamless communication across teams, agencies, and devices.

Engineered to survive the toughest environments, it withstands against water, drops, dust, and extreme conditions. With eSIM, more memory, and faster charging, the XP5plus 5G keeps your teams connected when it matters most.

made with Qualcomm Technologies

PREMIER WIRELESS
BUSINESS TECHNOLOGY SOLUTIONS

**Knobs and no knobs variants

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.

Keypad and customizable screen enables / disables features, **phone calls, SMS, and image viewfinder**; share media instantly over PTT

3 YEAR WARRANTY

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

© 2026. SONIM, A NEXA COMPANY. ALL RIGHTS RESERVED.

Data Sheet

Powerful connectivity just got an upgrade.

3 YEAR WARRANTY



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, 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™ Suite (SOS, SCOUT, Cloud)

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 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	148.7x65.9x21mm
Weight	265g(no knobs), 277g (with knobs)
Dedicated Keys	PTT Key, Volume Keys, Emergency Key
Ports	USB Type-C, SecureAudio™ Connector
SIM Type	eSIM+4FF
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

In-box Items

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

sonim® A NEXA Company

* Only playback supported

V04012026

PREMIER WIRELESS
BUSINESS TECHNOLOGY SOLUTIONS

© 2026 SONIM, A NEXA COMPANY. ALL RIGHTS RESERVED.