Data Sheet

Introducing Sonim XP5plus

One part phone, One part push-to-talk, All parts rugged.

3 YEAR COMPREHENSIVE WARRANTY

Reliable communication for the world's most extreme conditions.

For those who rely on both cellular and push-to-talk communication, Sonim XP5plus is the best of both worlds. With a long battery life, large screen and Push-to-Talk capabilities, the XP5plus raises the bar on what a two-way can do. Third-party tested against water, dust and drops (IP68/IPX9K rated) and validated to MIL-STD-810H, the highest Military rating available, you know it will thrive even in the most punishing of conditions.

Sonim XP5plus. The only way to two-way.

Features

Three dynamic buttons designed for increased screen functionality

3500mAh battery provides reliable power for entire work shifts and beyond with no recharging

Goodix Noise/Echo Cancellation Technology lets you hear and be heard louder and clearer than ever before

Hassle-Free Deployment and SonimWare™ Software Tools

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Sonim XP5plus technical specifications

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Core Platform/Functions

Operating System	Sonim Proprietary OS (based on AOSP Android 11)
Chipset	Qualcomm SM6115 Octa-core 4x 2.0GHz, 4x 1.8GHz
Bands	**LTE:** B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B25/B26/B29/B30/B39/B40/B41/B66/B71 **UMTS:** B1/B2/B4/B5 **GSM:** 850/900/1800/1900MHz
Wi-Fi	802.11 a/b/g/n/ac 2.4/5GHz Hotspot capable up to 10 connections
Memory	2GB RAM/16GB ROM Supports up to 512GB MicroSD external memory
Preloaded Applications	Sonim SCOUT

Connectivity

Bluetooth	BT5.0 with BLE
Messaging	SMS, MMS (Text, Image, Audio, Video)
GPS	GPS/A-GPS, GLONASS, Galileo, BD
NFC	No
Sensors	Barometer, Accelerometer
Languages Supported	English, Canadian French, Spanish, Korean, Simplified Chinese
VoLTE	Yes
Real-Time Text (RTT)	Yes

Battery

Capacity	3500mAh Li-Ion, Removable
Battery Life	Talk (VoLTE): 30 Hours, Standby: 600 Hours

Display

Size/Type	2.8" TFT, Gorilla® Glass 3
Resolution	240x320
Colors	262K

Physical Characteristics

Size	148.7 x 65.9 x 21 mm
Weight	275g
Dedicated Keys	PTT Key, Volume Keys, Emergency Key
Ports	USB-C, SecureAudio™ Connector, Charging Pins
SIM Type	Dual 4FF Nano SIM
Rugged Certifications	Class I, Div 2, Groups A, B, C, D; Class II, Div 2, Groups F, G; Class III, Div2; MIL-STD-810H; IP68; IPX9K
Operating Temperature	-4°F to 131°F / -20°C to 55°C

Audio

Microphone	Dual mic solution with Goodix Noise and Echo Cancellation
Speaker	Dual front-facing loud speakers; output 100dB+
HAC	M3/T4 Hearing Aid Compatible

Multimedia

Audio Formats	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3, FLAC, APTX, Vorbis
Video Formats	3GPP, MP4, AVI, MOV, MPEG-4, VP8, VP9, H.263, H.264, H.265
Graphic	JPEG, PNG, BMP, GIF, WebP, HEIF
Media Player	Yes
FM Radio	Yes (Requires wired headset for antenna)
Camera	8MP Rear Camera with Flash Video Capture/Playback up to 1080p
LED Flashlight	Yes

Inbox Accessories

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

sonim®