

Work. Play. Live. On your terms.



sonim H700
5G Mobile Hotspot

Wherever you go, the Sonim H700 keeps you reliably connected.

Today, staying online means staying productive, staying in touch and staying entertained. And no other device lives up to that promise like the fast, reliable Sonim H700 5G Mobile Hotspot does. Built to conquer any conditions, with blazing-fast speeds, **the Sonim H700 is your must-have companion when you need to stay connected.**

Why Sonim?

From day one, we've known the importance of instant communication. What started as a promise to first responders and public service workers has turned into a 25-year commitment to a wider audience, from government to enterprise. That promise remains the same—to provide the most advanced, reliable and durable mobile tech solutions to anyone who needs to stay connected no matter the conditions, no matter the location. Today and tomorrow.

Features

Enhanced durability with **MIL-STD-810H** and **IP68 ratings.**

Supports up to **34 connected devices** simultaneously.*

Low latency for speedy performance.

Wi-Fi 6E certified, Wi-Fi 7 ready.

Long-lasting battery.

Enhanced, user-friendly **touchscreen display.**

Dedicated, secure **5G connection.**

Powered by the advanced **Qualcomm SDX75 series** chipset.

Ethernet backup.

Benefits

5G connectivity to all devices.

Avoid unsecure public networks.

Keep your phone free for calls, video, pics and more.

Work or stream from anywhere with a dedicated connection.

Doubles as a power bank for other devices.

*Up to 32 devices connected via Wi-Fi, plus two additional devices tethered via USB and Ethernet.

Sonim H700

technical specifications



Connectivity

Cellular Technology	5G FR1 + FR2 (mmWave) 4G LTE, 3G UMTS
5G Features	SA, NSA, DSS
5G Bands	n1, n3, n5, n7, n8, n26, n28, n40, n78, n258 (mmWave)
5G SA CA/ EN-DC Support	SA: 4xCC CA, 4xCC CA (SDX75-1) EN-DC: Supported
LTE Category	DL: Cat 20; UL: Cat 20
LTE Bands	B1, B3, B5, B7, B8, B26, B28, B38, B40, B42
LTE CA Support	DL 7xCC CA, UL 2xCC CA
3G Technology/Bands	UMTS/HSPA+; B1/B5/B8
Power Class	PC3
Wi-Fi Technology	Wi-Fi 6E certified: 802.11 b/g/n/ac/ax Wi-Fi 7 ready: 802.11be (up to 80MHz)
Wi-Fi Frequency Bands	2.4GHz & 5/6Ghz (tri-band, dual concurrent)
Wi-Fi Connections	Up to 32 connected devices

OS & Chipset

OS & Version	OpenWRT
Modem Chipset	Qualcomm SDX75-1
RF Front End	SDR875 (SDX75-1)
Wi-Fi Chipset	Qualcomm WCN7850

Memory, SIM & LED

RAM (Processor Memory)	1GB
ROM (Storage)	1GB
Battery Size	6000mAh
Battery Removable	Yes
Usage without Battery Installed	Yes
Power Sensing	Auto Power ON with power detection
Charging	USB C
SIM Type	Single 4FF SIM, Removable
Display Technology	TFT LCD with Capacitive Touch
Display Size	2.4" Color
Screen Resolution	QVGA (320x240)

Regulatory, Ports & Other Items

Regulatory Approvals	RCM (Australia/New Zealand)
Industry Approvals	GCF/PTCRB, Wi-Fi Certification
Ports	USB C (USB 3.1 Gen 2), 1x RJ45 2.5Gbps WAN/LAN, external antenna (2 TS-9)
Location Services	Standalone GPS / NMEA / GPS over Wi-Fi
Dimensions	115mm x 100mm x 22.7mm / 4.53" x 3.94" x 0.89"
Weight	308g / 10.9oz
Rugged Performance Standard & Safety	IP68, MIL-STD-810H