All the best connections in all your favorite places.

SONIM Spot™ H500

Work wherever, whenever, with the reliable connectivity of Sonim Spot™ H500.

In today's busy world, connections are everything. Stay reliably connected with the Sonim Spot™ H500 5G mobile hotspot. Built to Sonim's legendary rugged standards, the Sonim H500 survives water, drops and more. **Just turn it on and connect for productivity.**

Why Sonim?

Brilliant ideas always connect. At Sonim, it's what we've believed since day one, and what has enabled us to become a worldwide leader in reliable, rugged, and user-friendly mobile solutions for business and beyond. From ultra-rugged devices to ultra-responsive software and application management, Sonim products and services connect you with what matters most.

Features

Built to **MIL-STD-810H** military specifications to withstand harsh environmental conditions.

Supports up to **32 connected devices** simultaneously.

Low latency for lag-free performance.

Ethernet ready.

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

Avoid unsecure networks with a **dedicated 5G connection.**

Benefits

Provides 5G connectivity to all connected devices.

A more secure connection in public.

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

A flexible, dedicated streaming solution.

Work from anywhere with a dedicated connection.

Support multiple users and devices with ease.

Sonim
Spot™ H500
technical
specifications

Connectivity

Cellular Technology	5G, 4G LTE, 3G UMTS
5G Features	NSA, DSS
5G Bands	n2, n5, n7, n12, n13, n14, n25, n26, n29, n30, n38, n41, n48, n66, n71, n77, n78
5G EN-DC	Supported
LTE Category	DL: Cat 19; UL: Cat 18
LTE Bands	B1, B2, B3, B4, B5, B7, B12, B13, B14, B17, B20, B25, B26, B28, B29, B30, B38, B41, B42, B43, B46, B48, B66, B71
LTE CA Support	DL 5xCC CA, UL 2xCC CA
3G Technology/Bands	UMTS/HSPA+; B1/B2/B4/B5/B8
Power Class	PC2: n41/n77/n78; PC3: All other bands
Wi-Fi Technology	Wi-Fi 6E* (802.11 a/b/g/n/ac/ax)
Wi-Fi Frequency Bands	2.4GHz, 5GHz & 6GHz*
Wi-Fi Connections	Up to 32 connected devices

OS & Chipset

OS & Version	Linux 5.4
Modem Chipset	Qualcomm SDX62-0
Wi-Fi Chipset	Qualcomm WCN6856

Memory, Battery, SIM & LED

RAM (Processor Memory)	1GB
ROM (Storage)	1GB
Battery Size	6000mAh
Battery Removable	Yes
Usage without Battery Installed	Yes
Charging	USB-C, Fast Charge
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	FCC/ISED
Industry Approvals	GCF/PTCRB
Ports	USB Type C (USB 3.1 Gen 2), 1x RJ45 1Gbps LAN, 2x TS9 ports
Location Services	GPS L1 & L5/s-GPS (Standalone)
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