

# All the best connections in all your favorite places.



**sonim** H500

## Work wherever, whenever, with the reliable connectivity of **Sonim H500**.

In today's busy world, connections are everything. Stay reliably connected with the Sonim 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** standards to withstand harsh environmental conditions.

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

**Low latency** for speedy 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.

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

# Sonim H500 technical specifications



## Connectivity

<b>Cellular Technology</b>	5G, 4G LTE, 3G UMTS
<b>5G Features</b>	SA, NSA, DSS
<b>5G Bands</b>	n1, n3, n5, n7, n8, n20, n28, n38, n40, n41, n71, n75, n77, n78
<b>5G EN-DC</b>	Supported
<b>LTE Category</b>	DL: Cat 19; UL: Cat 18
<b>LTE Bands</b>	B1, B3, B5, B7, B8, B20, B28, B32, B38, B40, B41, B42, B43, B46, B71
<b>LTE CA Support</b>	DL 5xCC CA, UL 2xCC CA
<b>3G Technology/Bands</b>	UMTS/HSPA+; B1/B2/B4/B5/B8
<b>Power Class</b>	PC2: n41/n77/n78; PC3: All other bands
<b>Wi-Fi Technology</b>	Wi-Fi 6E (802.11 a/b/g/n/ac/ax)
<b>Wi-Fi Frequency Bands</b>	2.4GHz, 5GHz & 6GHz (dual concurrent)
<b>Wi-Fi Connections</b>	Up to 32 connected devices

## OS & Chipset

<b>OS &amp; Version</b>	Linux 5.4
<b>Modem Chipset</b>	Qualcomm SDX62-0
<b>Wi-Fi Chipset</b>	Qualcomm WCN6856

## Memory, SIM & LED

<b>RAM (Processor Memory)</b>	1GB
<b>ROM (Storage)</b>	1GB
<b>Battery Size</b>	6000mAh
<b>Battery Removable</b>	Yes
<b>Usage without Battery Installed</b>	Yes
<b>Charging</b>	USB-C, Fast Charge
<b>SIM Type</b>	Single 4FF SIM, Removable
<b>Display Technology</b>	TFT LCD with Capacitive Touch
<b>Display Size</b>	2.4" Colour
<b>Screen Resolution</b>	QVGA (320x240)

## Regulatory, Ports & Other Items

<b>Regulatory Approvals</b>	CE, UKCA
<b>Industry Approvals</b>	GCF, RoHS, WEEE
<b>Ports</b>	USB Type C (USB 3.1 Gen 2), 1x RJ45 1Gbps LAN, 2x TS9 Ports
<b>Location Services</b>	GPS L1 & L5/s-GPS (Standalone)
<b>Dimensions</b>	115mm x 100mm x 22.7mm
<b>Weight</b>	308g
<b>Rugged Performance Standard &amp; Safety</b>	IP68, MIL-STD-810H