

5G NR AX1800 Wi-Fi 6 Mobile Hotspot

F518

Key Features

- Share your 5G/4G Internet connection with multiple devices whether at home, in the office, or on the go
- Portable and lightweight ensures effortless Internet connectivity, anytime, anywhere
- 5G NR cellular technology delivers blazing fast speeds of up to 2.6 Gbps²
- Enjoy AX1800 speeds with 1201 Mbps on 5GHz and 574 Mbps on 2.4GHz²
- The 802.11ax protocol powered by OFDMA and MU-MIMO technologies guarantees fast and efficient Wi-Fi connections
- The latest WPA3™ encryption and advanced firewall functions provide network security
- More than a hotspot, also a power bank
- The USB Type-C port enables convenient and efficient charging of the device while the 8000 mAh battery provides up to 16 hours usage as well as ability to charge other devices such as smartphones and tablets
- The WPS button facilitates quick and encrypted Wi-Fi connections for client devices



User Benefits



5G Connectivity Anywhere

Access high-speed 5G mobile networks with fast data transfer and low latency anywhere you go



Ease of Use

Get fast, reliable Internet instantly by just inserting a SIM/UICC card



Dual Band Connectivity

Built for device-dense environments, Wi-Fi 6 offers 2.4GHz and 5GHz for connection flexibility and improved stability



Advanced Security

The strongest WPA3 encryption safeguards against exposure of personal information and attacks



Up to 16 Devices

Seamlessly share an Internet connection across a variety of devices, supporting up to 16 connections



Future-Proofing the Internet

The support for Mobile IPv6 ensures compatibility with the next generation of Internet standards adopted in cellular network



All-Day Battery

8000 mAh high-capacity battery provides nearly a day's worth of power (up to 16 hours)³



Compact Design

Easy to carry compact design for travel convenience

Technical Specifications

General	
Device Interfaces	1 x Nano SIM card slot (4FF) 1 x USB Type-C with USB Power Delivery (PD 3.0) for both power input and output
Buttons	1 x Power button 1 x WPS button 1 x Power outage button
LEDs	Internet 4G/5G Signal Strength Wi-Fi Battery Capacity Battery Charging Status
Standards	5G: 3GPP Release 15 LTE: Cat12 (Downlink) / Cat13 (Uplink) Wi-Fi: • IEEE 802.11ax/ac/n (5 GHz) • IEEE 802.11ax/n/g/b (2.4 GHz)
Frequency Support ¹	5G NR NSA: n1/n3/n7/n20/n28/n38/n40/n41/n77/n78 5G NR SA: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n66/n77/n78 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66 LTE-TDD: B38/B40/B41 WCDMA: B1/B2/B5/B8
Mobile Data Rates ²	NR SA Mode: • Downlink: 2 Gbps • Uplink: 1 Gbps NR NSA Mode: • Downlink: 2.6 Gbps • Uplink: 650 Mbps LTE Mode: • Downlink: 600 Mbps • Uplink: 150 Mbps
Wi-Fi Data Rates ²	1800 Mbps (5 GHz up to 1201 Mbps / 2.4 GHz up to 574 Mbps)
Battery Capacity ³	8000 mAh
Antenna Type	4 x cellular internal antennas 2x Wi-Fi 2.4/5 GHz internal antennas
Functionality	
Security Protocol	WPA (Wi-Fi Protected Access), WPA2, WPA3, WPS (Wi-Fi Protected Setup)
Firewall	Virtual Server, IP Address/Domain Name Filtering, DMZ
Physical	
Dimensions	147x 72 x 15 mm
Weight	274 g (9.67 oz)
Power Input	USB Type-C (5V/3A)
Operating Temperature	-10 to 40 °C
Storage Temperature	-40 to 70° C
Operating Humidity	10% to 95% non-condensing
Storage Humidity	10% to 95% non-condensing
Certifications	CE
Package Contents	
F518	5G NR AX1800 Wi-Fi 6 Mobile Hotspot Quick Installation Guide USB Type-C Cable

¹Supported frequency bands are dependent on regional variants and may not be available in all markets.
²The maximum data rates mentioned are theoretical values. The actual data rates achieved may vary depending on the specific network environment and conditions.
³ The actual battery life may vary depending on several factors such as network conditions, connected devices, streaming content, device settings, and battery aging.