NETGEAR® AirCard®

AirCard® 800S Mobile Hotspot (AC800S-1STAUS)

Experience Mobile Broadband Like Never Before...

The AirCard 800S, also known as Optus 4G Wi-Fi Modem (Cat 9) AC800S, features support for Category 9 LTE and 3-band Carrier Aggregation, with the ability to achieve theoretical download speeds of 450 Mbps. Category 9 LTE Advanced connectivity means peak download speeds up to 50% faster, swift application response times, reliable connectivity and a better overall user experience for buffering data-heavy programs such as multimedia and video files. AirCard 800S is not only fast but also extremely user-friendly. With a simplified touch screen interface, a long-lasting battery, and a unique jump boosting feature, AirCard 800S is well positioned to offer you a superior mobile broadband experience like never before.

Key Features and Benefits

- Supports 4G LTE Advanced Category 9 with 3-Carrier Aggregation (up to 60 MHz combined) to deliver incredible downlink speeds up to 450 Mbps
- Always-on connection you can count on and share with up to 15 Wi-Fi devices on the go
- Powerful battery lasts up to 11 hours of continuous use
- Increase network performance and reduce interference with 802.11ac and Dual-Band 2.4 GHz/5 GHz WiFi
- Intuitive touch screen based UI to conveniently monitor data usage, manage device and network settings
- Charges smartphones and small portable USB devices using the jump boost feature
- Two TS-9 connectors available for optional 4G/3G antennas
- Compatible cradles available to charge, boost signal and extend coverage
- On-device tutorial to help improve out-of-the-box user experience
- With no software to install, just power on and connect
- Downloadable NETGEAR AirCard App provides advanced features and remote management

Technical Specifications

Technology / Bands
- 4G LTE Category 9
- LTE Advanced, 3-band Carrier Aggregation
- LTE bands 700/900/1800/2100/2300/2600 MHz
- 3G 900/2100 MHz

WiFi
- WiFi 802.11ac, 2x2 MIMO
- Dual-Band 2.4 GH/5 GHz, standalone or simultaneous
- Multiple SSID/Guest WiFi Support
- WPS (WiFi Protected Setup) Support

Maximum Theoretical Speeds
- Downlink: 450 Mbps
- Uplink: 50 Mbps

Security
- WiFi security encryption methods:
  - WEP 64 (Open/Shared)
  - WEP 128 (Open/Shared)
  - WPA Personal TKIP
  - WPA Personal TKIP AES
  - WPA2 Personal AES
  - WPA2 Personal TKIP AES
  - WPA/WPA2
- WiFi Protected Setup (WPS)
- VPN pass-through
- NAT firewall
- Strengthened security web interface
- Block WiFi devices

Battery
- Removable Li-ion battery (2930 mAh)
- Up to 11 hours of continuous usage
- Up to 260 hours on standby

OS Support
- Windows Vista to Windows 10 and Mac OSX 10.7 to Mac OSX 10.12

External Display
- 2.4" QVGA capacitive LCD touchscreen

Dimensions
- 110 (L) x 68 (W) x 16.1 (H) mm

Weight
- 82 g (without battery)
- 132 g (with battery)

External Antennas
- Dual TS-9 connectors

Environmental
- Operating temperature: 0 to 35° Celsius
- Storage temperature: -10 to 60° Celsius
- RoHs compliant

Package Contents
- NETGEAR AirCard 800S Mobile Hotspot
- Removable Lithium Ion (Li-ion) battery
- AC charger
- USB 3.0 compliant charging cable
- Jump boost cable
- Quick Start Guide
- Manufacturer's warranty card