

# NETGEAR® AirCard®

## AirCard® 790S Mobile Hotspot

Data Sheet



### Top Speed With Exceptional Features

The AirCard 790S is NETGEAR's first Category 6 capable LTE mobile hotspot which uses carrier aggregation technology to aggregate up to 40 MHz of bandwidth along with 802.11ac Wi-Fi to deliver theoretical download speeds of 300Mbps. This lightweight portable hotspot supports up to 15 Wi-Fi enabled devices simultaneously, and with the ability to automatically switch between 3G and 4G, it allows you to stay continuously connected anytime, anywhere. It's also equipped with a 2.4" color touchscreen so that you can easily check data usage, connection status and manage settings. The AirCard 790S mobile hotspot integrates simplicity, usability, and reliability, making it one of the best mobile companions to suit your busy on-the-go lifestyle.

### Key Features and Benefits

- LTE Category 6 with Carrier Aggregation (up to 40 MHz) to deliver incredible downlink speeds up to 300 Mbps
- Intuitive touchscreen based UI to conveniently monitor data usage, manage device and network settings
- Powerful battery lasts up to 11 hours of continuous use
- Charges smartphones and small portable USB devices using the jump boost feature
- Increase network performance and reduce interference with 802.11ac and simultaneous Dual-Band Wi-Fi
- Provides 3G fallback support
- Two TS-9 connectors available for optional 4G/3G antennas
- Compatible cradle available to charge, boost signal and extend coverage
- Free NETGEAR AirCard App provides advanced features and remote management

### Technical Specifications

#### Technology / Bands

- 4G CA 1800+700, 1800+2600, 2600+700, 2600+2600 MHz
- 4G 700/900/1800/2100/2600 MHz
- 3G 850/900/1900/2100 MHz
- Wi-Fi 802.11 ac, 2x2 MIMO, simultaneous Dual-Band 2.4GH/5GHz
- Chipset: Qualcomm
  - MDM9230 (Modem)
  - WTR3925 (RF)
  - QCA6174 (Wi-Fi)

#### Security

- Wi-Fi 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
- Wi-Fi Protected Setup (WPS)
- VPN pass-through
- NAT firewall
- Security web interface
- Multiple SSID/Guest Wi-Fi support
  - View & block connected devices from the touchscreen
  - Password protected Web UI
  - Ability to turn off Wi-Fi or USB tethering

#### Battery

- Removable Li-Ion battery (2930 mAh)
- Up to 11 hours of active usage
- Up to 250 hours of standby

#### External Display

- 2.4" QVGA capacitive LCD touchscreen

#### SIM

- 3FF Format (microSIM)

#### Dimensions

- 110 mm (L) x 68 mm (W) x 15 mm (H)

#### Weight

- 140 g

#### Antenna Diversity Support

- 2X2 MIMO (multiple-input and multiple-output) antenna for LTE
- Dual TS-9 external 4G/3G antenna ports
- 2x2 MIMO antenna for Wi-Fi

#### Environmental

- Operating temperature: 0 to 35° Celsius
- Storage temperature: -40 to 85° Celsius
- RoHS compliant

#### Package Contents

- NETGEAR AirCard 790S Mobile Hotspot
- Removable Lithium Ion (Li-ion) battery 2930 mAh
- Quick Start Guide
- Manufacturer's warranty card
- AC charger and USB charging cable
- Jump boost cable

