



### Overview

**The NETGEAR® C6250 802.11ac DOCSIS 3.0 Wireless Gateway Series gateway delivers next generation Wi-Fi at Gigabit speeds.**

By integrating beamforming into the C6250 802.11ac DOCSIS 3.0 Wireless Gateway, operators can experience significant value and benefits. Enhanced performance and a more stable connection can help reduce the number of support calls that operators receive related to Wi-Fi connectivity and performance. Service providers' customers may experience increased levels of customer satisfaction with the reduction of dead zones and performance variation due to device orientation. For mobile devices incorporating 802.11ac, this will result in increased throughput for faster downloads and better video streaming experience.

Service providers will find the addition of beamforming to be exceptionally helpful as more and more mobile devices incorporating 802.11ac become available. Additionally, standard-based implementation can help ensure interoperability with a wide variety of 802.11ac client devices.

The C6250 802.11ac DOCSIS 3.0 Wireless Gateway utilizes simultaneous dual-band Wi-Fi technology to enable speeds up to 300+1300 Mbps (300 Mbps at 11n and 1300 Mbps at 11ac). This makes it ideal for larger homes with multiple devices.

### The NETGEAR Difference

- Improved Wi-Fi range and performance with Beamforming
- Up to three times faster than 802.11n
- Up to 16 times faster than DOCSIS/Euro-DOCSIS 2.0

### Benefits

- HD video streaming through the home
- Compatible with next generation Wi-Fi devices
- Backward compatible with 802.11n
- WAN speeds of up to 800 Mbps (V2 with 16x4 and in Euro-DOCSIS mode)

### Whole Home System



### Features

- DOCSIS 3.0/Euro-DOCSIS 3.0 – 16x4 or 8x4 full band capture
- 11ac next generation Wi-Fi at Gigabit speeds
- NETGEAR genie® app for computers, tablets and smartphones
- Enhanced support tools
- TR069, SNMP remote management
- Hotspot/Wi-Fi offload support using GRE soft tunneling

# NETGEAR®

## 802.11ac DOCSIS 3.0 Wireless Gateway Series

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C6250

### Technical Specifications

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#### Physical Interfaces

- WAN – 16x4 channel-bonding with full-band capture technology (WAN speeds)
- LAN – 4 GigE ports; optional 1 G WAN port
- Wi-Fi – AC1600 2x2 – 2.4 GHz and 3x3 11ac 5GHz

#### Wi-Fi

- 3x3 11ac with Beamforming
- Wi-Fi Power On/Off

#### Ease-of-use

- Easy install
- Push 'N' Connect

#### Advanced Features

- Parental controls
- DLNA
- ReadySHARE® USB access
- NETGEAR genie® application
- TRO69 remote management
- Hotspot for wireless off-load