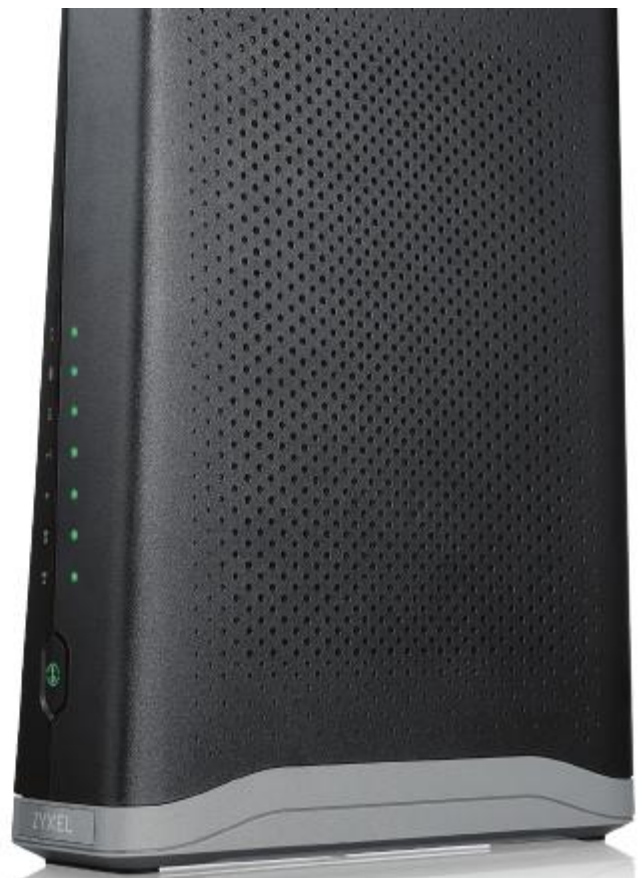# C3510XZ

WiFi 6 Gigabit Ethernet Gateway

The C3510XZ WiFi 6 Gigabit Ethernet Gateway supports the latest dual-band wireless WiFi 6 (11ax) technology for optimized bandwidth utilization to increase network capacity and the number of simultaneous streams, which allow more subscribers to enjoy superior connectivity with extremely low latency.

WiFi 6 (11ax) for superior performance and coverage

Supports OFDMA for maximized network efficiency

In-house developed OPAL realizes the flexibility and faster time to market

Benefits

Lightning-fast next-generation technology

The C3510XZ supports the WiFi 6 (11ax) standard to offer lightning-fast throughputs of up to 5700 Mbps. The performance enables operators to provide UHD 4K/8K services to subscribers and hybrid high-throughput applications in homes for a true IoT lifestyle.

Maximize network capacity for more devices

Supported by revolutionary Orthogonal Frequency Division Multiple Access (OFDMA), the C3510XZ improves average throughputs to considerably shorten latency and increase network efficiency.

WiFi 6

www.CenturyLink.com

Specifications

System specifications

Wireless standards
- IEEE 802.11 b/g/n/ax 2.4 GHz
- IEEE 802.11 a/n/ac/ax 5 GHz

Wireless transfer rates
- Transmit:
  - 802.11ax (2.4 GHz): up to 860.3 Mbps
  - 802.11ax (5 GHz): up to 4804 Mbps

WLAN features
- Auto channel selection
- WiFi Multimedia (WMM)
- Wireless output power management
- Multiple SSID up to 4
- WiFi Protected Setup (WPS)
- Intra-BSS traffic block
- MAC address filtering
- WPS 2.0
- WPA2-PSK

- **Firewall**
- IPv4/IPv6 firewall (Stateful Packet Inspection)
- Denial-of-Service (DoS) attack prevention
- ICMP blocking

Routing
- IPv4/IPv6
- NAT
- Port forwarding
- WAN connection type: DHCP, PPPoE
- DHCP option 60/121/125
- DHCP server on LAN
- IGMP v2/v3
- IGMP proxy
- Dynamic DNS

VPN pass-through
- PPTP
- L2TP
- IPSec

VLAN
- 802.1q tag/tag based VLAN
- VLAN to ETH port mapping
- Bridged/routed VLAN support

Management
- Web GUI (HTTP/HTTPS)

Hardware specifications

WAN
- One 1GbE RJ-45 port

LAN
- Four 1GbE RJ-45 ports

USB
- One USB 2.0 host

LED indicators
- Power
- Internet
- Ethernet WAN
- Ethernet LAN
- WiFi 2.4G
- WiFi 5G
- WPS

Button
- WPS
- Reset

Power consumption
- 12 V DC, 2.5 A
- 27 Watt max

Physical specifications
- Item dimensions (WxDxH):
  175 x 60 x 245 mm
  (6.88" x 2.36" x 9.64")
- Item weight: 546 g (1.20 lb.)
- Packing dimensions (WxDxH):
  279 x 279 x 70 mm
  (10.98" x 10.63" x 2.76")
- Packing weight: 991 g (2.19 lb.)

Environment specification

Operating environment
- Temperature:
  5°C to 40°C (41°F to 104°F)
- Humidity:
  10% to 90% (Non-condensing)

Certification
- RF: FCC, IC
- EMC: FCC, IC

Package contents
- Gigabit Ethernet gateway
- Power adapter
- Ethernet cable
- Quick Start Guide

Hardware interface

WPS button

LAN ports

WAN port

USB port

Reset button

Power jack