ZYXEL
COMMUNICATIONS

WX3310-B0
Dual-Band Wireless AX Gigabit Access Point/Extender

The Zyxel WX3310-B0 Dual-Band Wireless AX Gigabit Access Point/ Extender enables carrier-grade performance. As a key component of Zyxel MPro Mesh™ Solutions, the WX3310-B0 delivers smooth Ultra HD and IPTV streaming and seamless roaming for whole-home WiFi coverage.

Benefits

WiFi 6 technology for superior lag-free performance

Supporting the latest WiFi 6 (11ax) standard, the Zyxel WX3310-B0 offers speeds of up to 4804 Mbps* with 4x4 802.11ax and 546 Mbps* with 2x2 802.11ax. The uplink MU-MIMO, Orthogonal Frequency Division Multiple Access (OFDMA), high-power amplifier and beamforming technologies empower the WX3310-B0 to deliver premium speed for multi-streaming data access and optimal WiFi experience without dead zones.

Remote management through TR-181 issue-2

Compliant with TR-181 issue-2 standard, the Zyxel WX3310-B0 significantly simplifies deployment complexity and lowers operating and maintenance costs with its remote management capability.

5400 Mbps dual-band concurrent wireless access

Zyxel MPro Mesh™ Solutions (compliant with EasyMesh standards)

Integrated beamforming technology
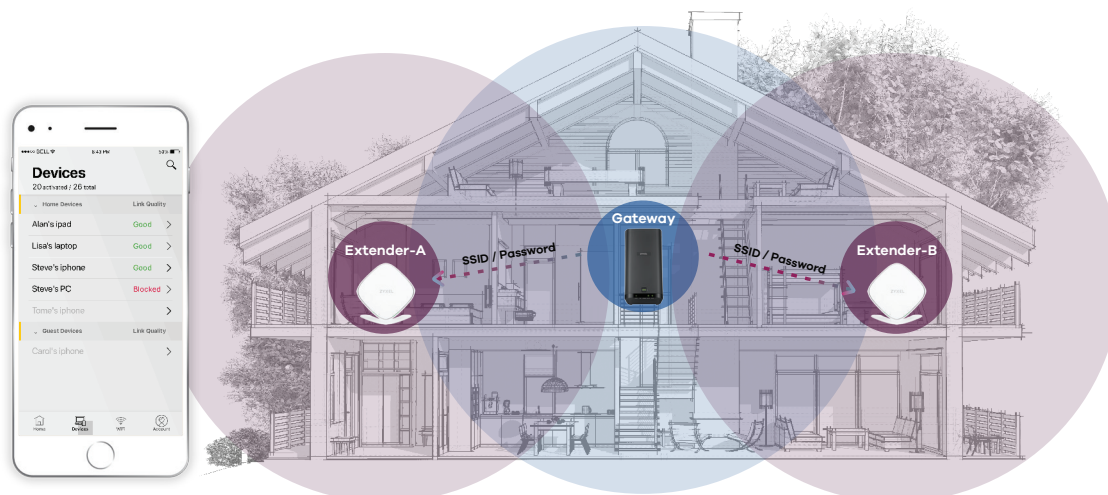
Video-grade QoS optimizes video streaming

Support TR-181 i2 remote management

Dual images for reliable system recovery

MPro MESH

WiFi 6

Premium MPro Mesh™ for whole-home WiFi coverage

Featuring EasyMesh fully compliant Zyxel MPro Mesh™ Solutions, the Zyxel WX3310-B0 enhances your subscribers' experience by providing self-adapting, easy-to-manage whole-home WiFi coverage, while reducing your service OPEX.

Specifications

System specifications

Wireless standards
- 802.11 b/g/n/ax 2.4 GHz, data rate 546 Mbps
- 802.11 a/n/ac/ax 5 GHz, data rate 4804 Mbps

Wireless
- Wireless Protected Setup (WPS)
- WMM
- WPA2/WPA2-PSK with AES security type
- Multi SSID: up to 8
- MU-MIMO support

VLAN/QoS
- 802.1Q VLAN tagging/un-tagging
- Support flexible traffic classification

Management
- Web (HTTP/HTTPS)/Telnet/SSH
- Firmware upgrade via web/TR-069 RPC method
- Text based configuration
- Configuration backup/update/ restore default via web
- TR-069 (TR-181 issue-2)/TR-111
- Rom-D support

Hardware specifications

Ethernet interface
- Two 1GbE RJ-45 ports

Wireless
- 5 GHz: four internal antennas
- 2.4 GHz: two internal antennas

Button
- Reset
- WPS

LED indicator
- Power
- Link quality
- WiFi
- WPS

Power consumption
- 12 V DC, 1.5 A

Physical specifications
- Item dimensions (WxDxH): 150 x 39.8x 158 mm (5.9" x 1.3" x 5.18")
- Item weight: 308 g (0.68 lb.)
- Packing dimensions (WxDxH): 189 x 170 x 92 mm (6.2" x 5.58" x 3.02")
- Packing weight: 458 g (1.01 lb.)

Environment specification

Operating environment
- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% (Non-condensing)

Storage environment
- Temperature: -30°C to 70°C (-22°F to 158°F)
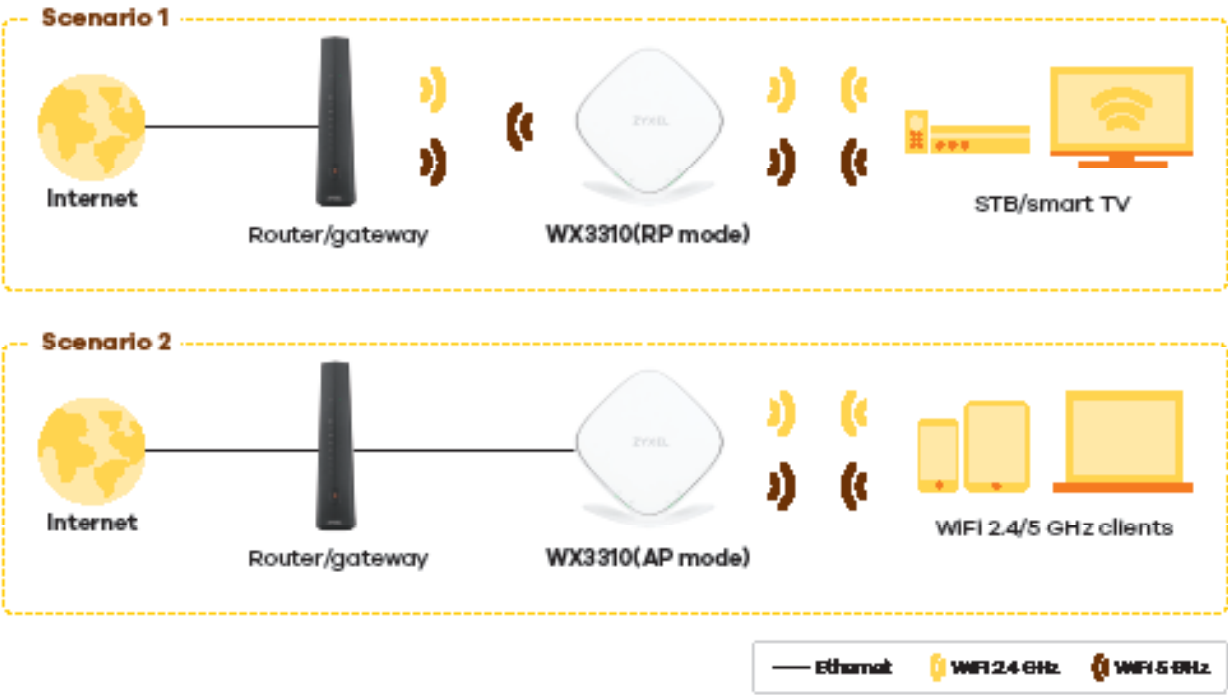- Humidity: 10% to 95% (Non-condensing)

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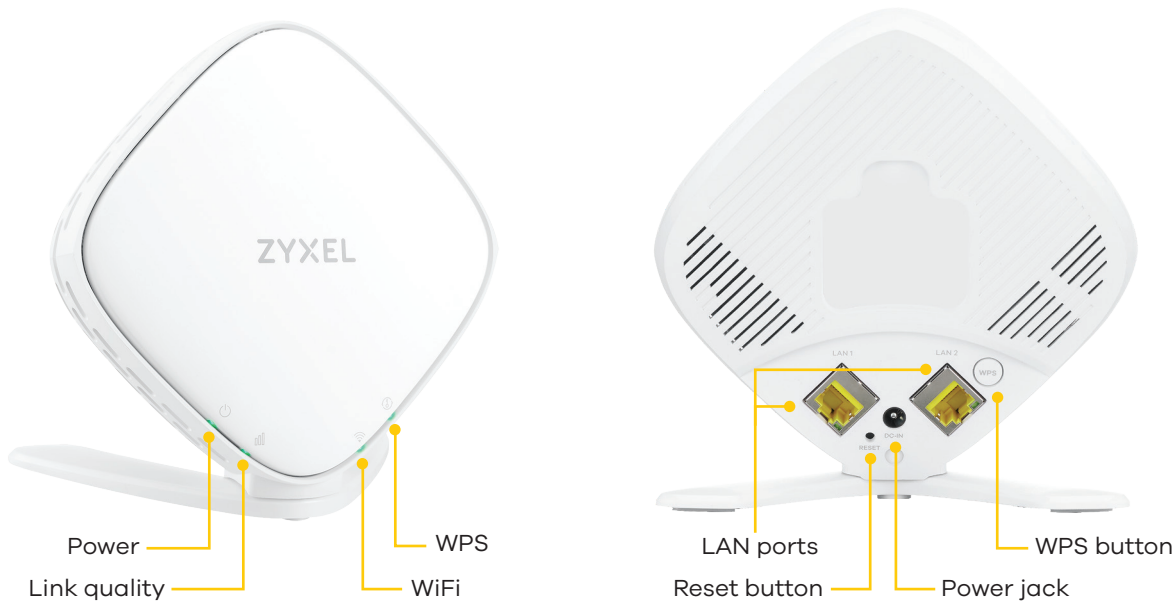- EMC: FCC, IC

Package contents
- Wireless extender
- Power adapter
- Ethernet cable
- Quick Start Guide

* The maximum wireless data is derived from IEEE standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

Application diagram

Scenario 1

Internet — Router/gateway — WX3310(RP mode) — STB/smart TV

Scenario 2

Internet — Router/gateway — WX3310(AP mode) — WiFi 2.4/5 GHz clients

— Ethernet   WiFi 2.4 GHz   WiFi 5 GHz

Hardware interface

Power

Link quality

WPS

WiFi

LAN ports

Reset button

Power jack

WPS button

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Datasheet WX3310-B0