



WX3100-T0

Dual-Band Wireless AX1800 Gigabit Extender

The Zyxel WX3100-T0 Dual-Band Wireless AX1800 Gigabit Extender enables carrier-grade performance. As a key component of the Zyxel MPro Mesh® Solutions, the WX3100-T0 delivers smooth data 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 WX3100-T0 offers speeds of up to 1200 Mbps* with 5G 2x2 802.11ax and 600 Mbps* with 2.4G 2x2 802.11ax. The uplink MU-MIMO, Orthogonal Frequency Division Multiple Access (OFDMA), high-power amplifier and beamforming technologies empower the WX3100-T0 to deliver premium speed for multi-streaming data access and optimal WiFi experience without dead zones.

TR-069/TR-181 i2 remote management for lower OPEX

Compliant with TR-069 and TR-181 issue-2 standard**, the WX3100-T0 significantly simplifies deployment complexity and lowers operating and maintenance costs with its remote management capabilities.

Premium MPro Mesh® for whole-home WiFi coverage

Featuring EasyMesh fully compliant Zyxel MPro Mesh® Solutions***, the Zyxel WX3100-T0 enhances your subscribers' experience by providing self-adapting, easy-to-manage whole-home WiFi coverage while reducing your service OPEX.



WiFi 6 (11ax) 2x2+2x2 for superior performance and coverage



Zyxel MPro Mesh® Solutions (compliant with EasyMesh standards)



Remote management via TR-069 and TR-181 i2



Zyxel-developed OPAL for superior flexibility and faster time-to-market



Dual images for reliable system recovery

Specifications

System specifications

Wireless standards

- 802.11 b/g/n/ax 2.4 GHz, data rate 600 Mbps
- 802.11 a/n/ac/ax 5 GHz, data rate 1200 Mbps

Wireless

- Wireless Protected Setup (WPS)
- WMM
- WPA2/WPA2-PSK with AES security type
- WPA3-SAE
- BSS color
- TWT
- Multi SSIDs: up to 4
- Supports MU-MIMO, OFDMA DL/UL

VLAN/QoS

- 802.1Q VLAN tagging/un-tagging
- Supports flexible traffic classification

Management

- Web/HTTP/HTTPS: 2 level log-in via SSH or Telnet
- Firmware upgrade via web/TR-069 RPC method
- Dual images system recovery
- Configuration backup/update/restore default via Web
- TR-069/TR-098/TR-181 i2
- DHCP client and IGMP snooping

Operation mode

- AP/repeater

Hardware specifications

Ethernet interface

- Two 1GbE RJ-45 ports

Wireless

- 5 GHz: Two internal antennas
- 2.4 GHz: Two internal antennas

Button

- Power on/off
- Reset
- WPS

LED indicator

- Power/system status
- Backhaul link quality
- WiFi
- WPS

Power consumption

- 12 V DC, 1 A

Physical specifications

- Item dimensions (WxDxH): 128 x 40 x 128 mm (5.03" x 1.57" x 5.03")
- Item weight: 314 g (0.69 lb.)
- Packing dimensions (WxDxH): 279 x 137 x 44 mm (10.98" x 5.39" x 1.73")
- Packing weight: 532 g (1.17 lb.)

Environment specifications

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: CE
- EMC: CE

Package contents

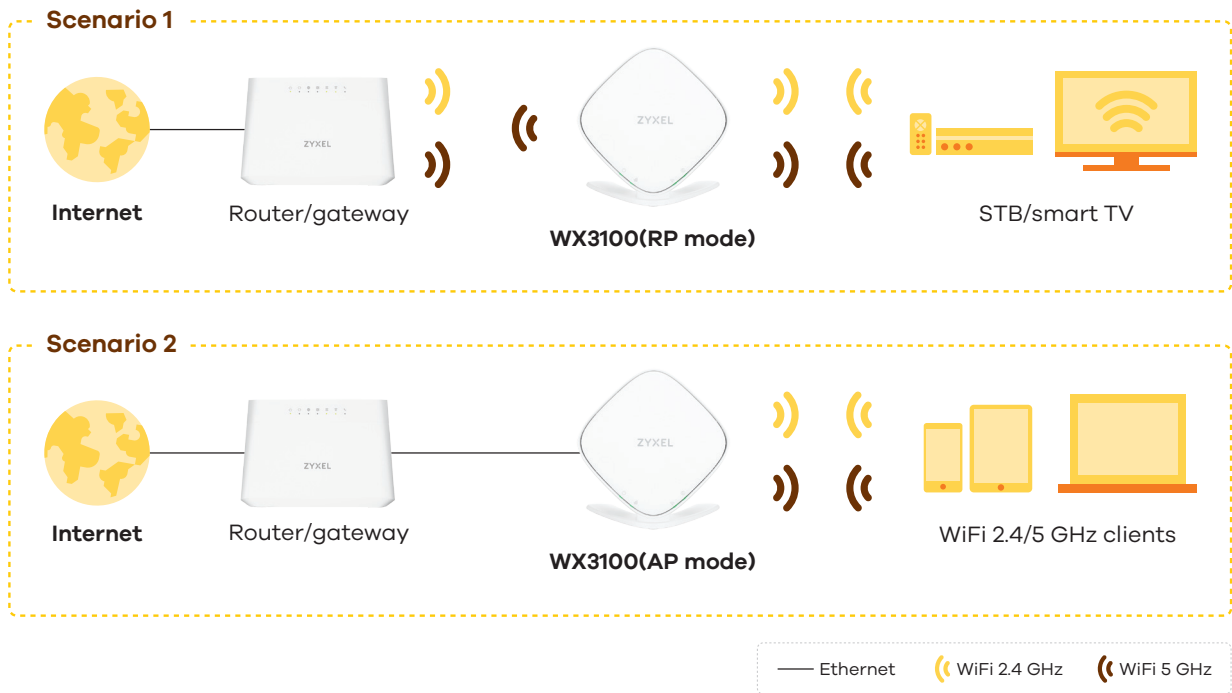
- Wireless extender
- Power adapter
- Quick Start Guide

* 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.

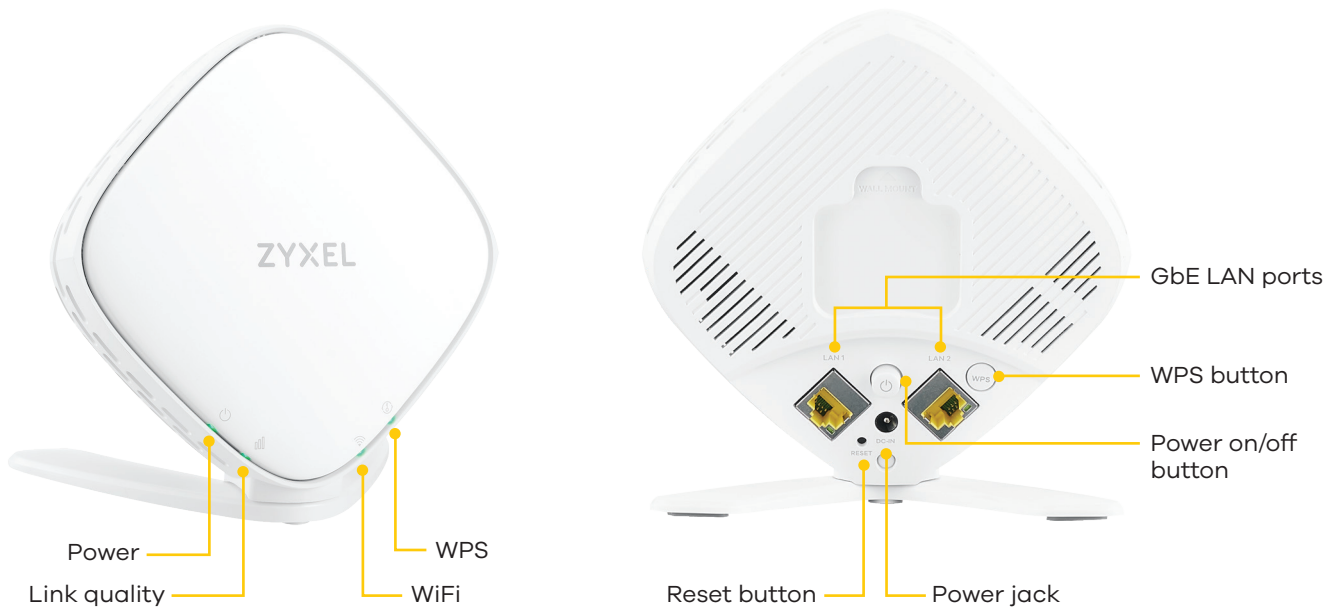
** Features are only available when the WX3100-T0 is working with Zyxel Gateways or IADs

***Combining WX3100-T0 with the same Wireless Extender is advised for the ideal mesh network performance. Please contact us for detailed mesh function availability.

Application diagram



Hardware interface





For more product information, visit us on the web at <https://service-provider.zyxel.com>



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Datasheet [WX3100-T0](#)



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