



WX3100-T0

Dual-Band Wireless AX1800 Gigabit Access Point/Extender

The Zyxel WX3100-T0 Dual-Band Wireless AX1800 Gigabit Access Point/Extender enables carrier-grade performance. As a key component of the Zyxel MPro Mesh™ Solutions, the Zyxel WX3100-T0 delivers smooth Ultra HD and IPTV streaming and seamless roaming for the 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.

Remote management through TR-069 and TR-181 issue-2

Supporting TR-069 for simplified remote configuration, firmware upgrades, diagnosis and TR-181 issue-2 for enhanced visibility on the LAN network, the Zyxel WX3100-T0 enables superior customer service with the lowest possible OPEX.



WiFi 6 (11ax) for superior performance and coverage



Zyxel MPro Mesh™ Solutions (compliant with EasyMesh standards)



Integrated beamforming technology



Video-grade QoS for optimized video streaming



Remote management via TR-069 and TR-181 i2



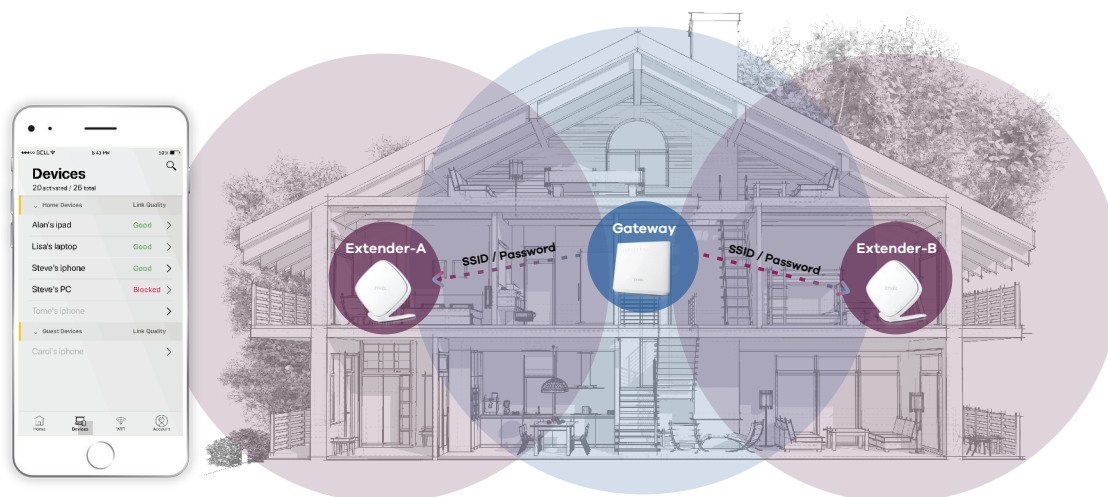
Dual images for reliable system recovery



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

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.



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 SSID: 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
- LAN1/LAN2 (LAP port)

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

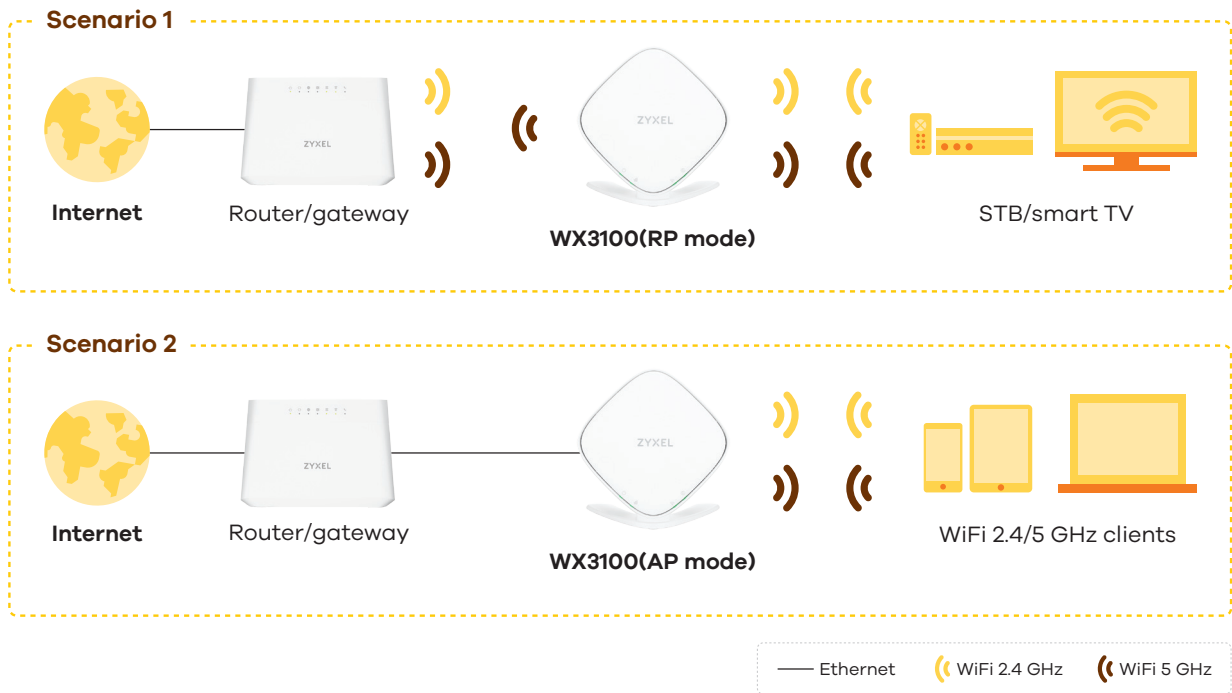
Package contents

- Wireless extender
- Power adapter
- Quick Start Guide

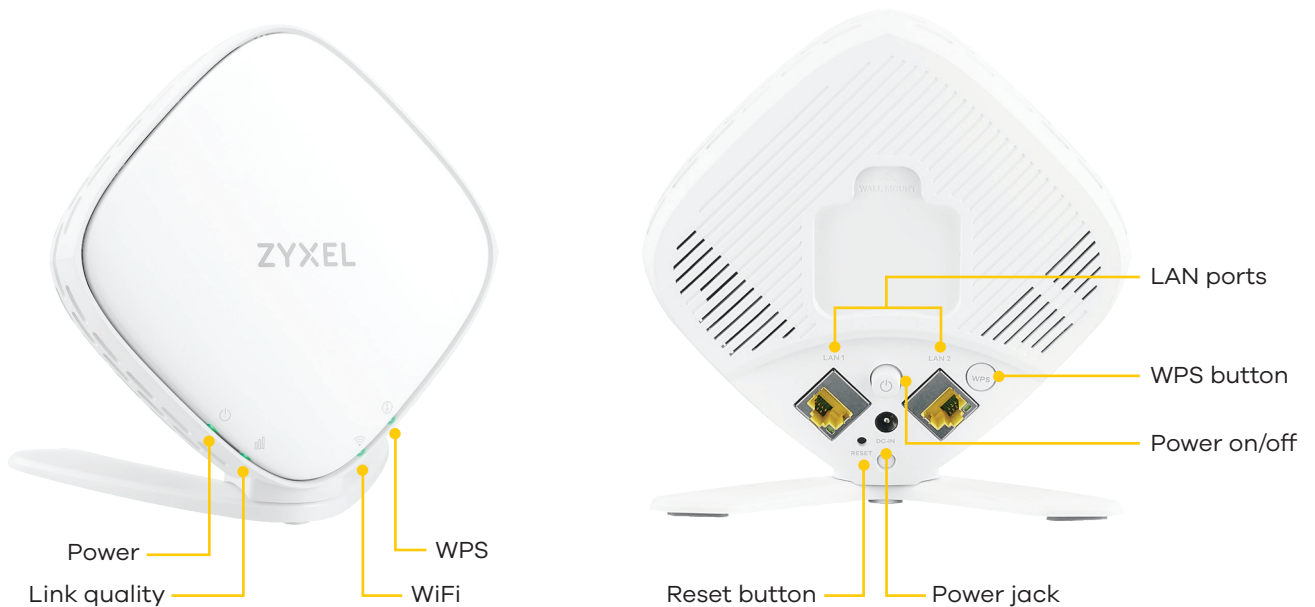
* The maximum wireless data is derived from IEEE standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

**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 www.zyxel.com

Copyright © 2020 Zyxel and/or its affiliates. All rights reserved. All specifications are subject to change without notice.



Datasheet [WX3100-T0](#)