



## 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

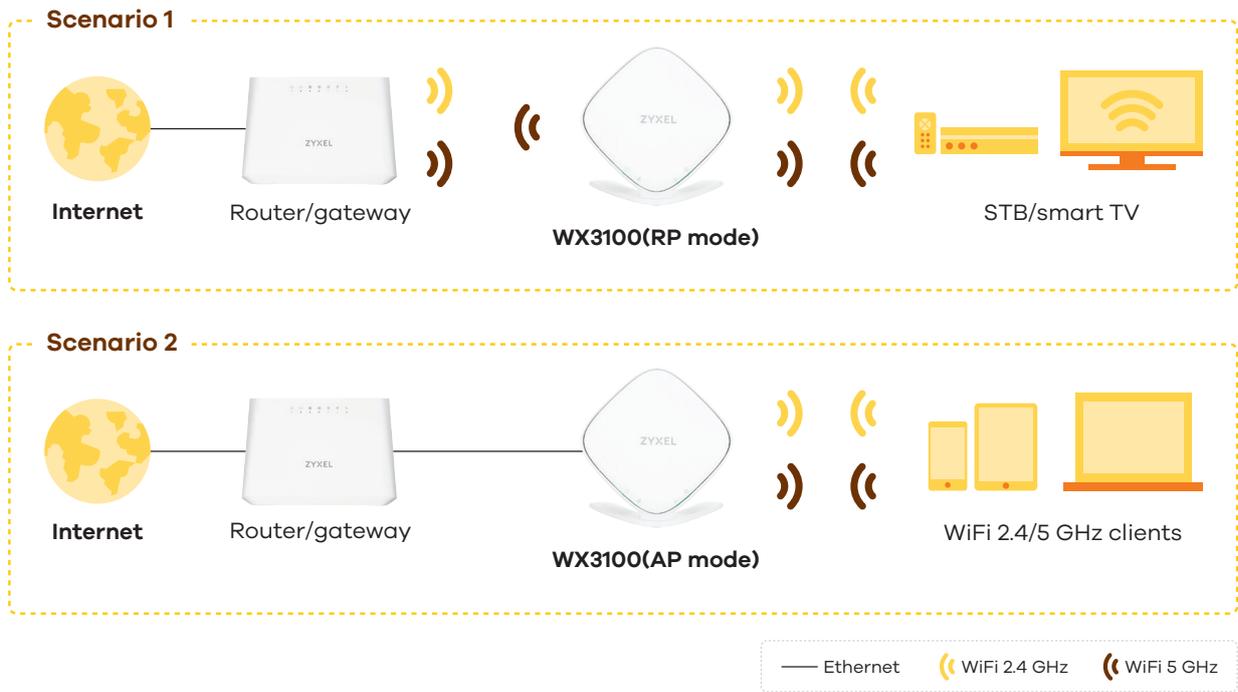
- Wireless extender
- Power adapter
- Quick Start Guide

\* 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.

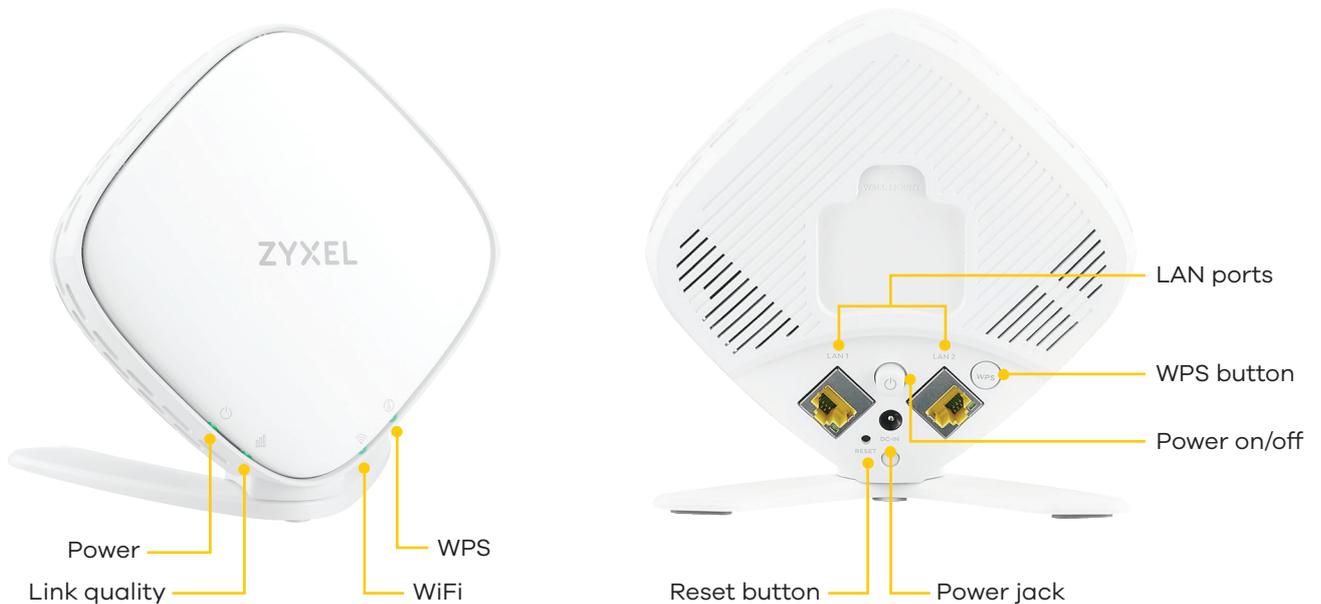
\*\* Features are only available when the WX3100-T0 is working with Zyxel Gateways or IADs

\*\*\*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](#)



23/06/21