



## MULTY

### AC2100 Tri-Band WiFi System

#### Suit your personal style

The Zyxel Multy U is a premium Tri-Band WiFi system designed for your home. Innovative leather strap to the Multy U units provides the option of hanging it in elevated position enabling it to have better WiFi performance. Tri-band powered with the latest wireless technology, enables one band dedicated to connecting the Multy U units together with wired-like speed!

The biggest highlight of Multy U is the X-shaped transparent zone. It shows the status of the product through a set of colors. The Multy U is designed to be fresh and youthful, catering to those who need the extra flair in their digital lives. The Multy U invites you to put the device in sight while giving you a top of the line WiFi experience.



Intelligent Tri-band mesh WiFi network



Seamless room-to-room roaming of up to 6,000 ft<sup>2</sup>/ 557 m<sup>2</sup>



Easy to install and manage with Multy app



Verify the status by breathing LED



Expand for more WiFi coverage



Ethernet backhaul supported



## Benefits

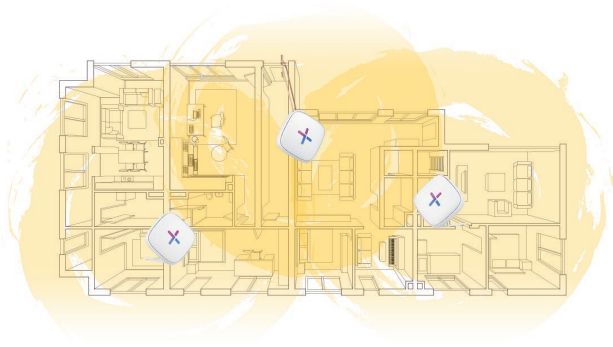
### Tri-band powered for maximum performance

Utilizing three wireless bands, the Zyxel Multy U delivers blazing fast speed through its dedicated 5 GHz connection (between nodes), and broadcasts with the remaining 2.4 GHz and 5 GHz WiFi network.



### Exceptional WiFi coverage throughout your Home

Experience no degradation in speed and reliability with its dedicated wireless backhaul for creating a large wireless network coverage in your home environment.



### Adjust to your needs

Enjoy the benefits of both hanging and standing with magnetic stand. Place your Multy U vertically on the desk or hang it in elevated position enabling it to have better WiFi performance. Easy to install, no tools required.



### Automatically connect to the fastest path

A mesh-based WiFi network helps organize an evenly spread signal. No matter how you place the Zyxel Multy U WiFi system, it automatically optimizes which units to connect with for the best connectivity, even if you accidentally disconnect one.



### Easy to install and manage with Multy app

The Zyxel Multy app provides visual setup guide and ensuring that you get connected without the complications of knowing technical network information. While on your home network, the Multy app allows you to test Internet speed, manage network remotely, setup guest WiFi, and stay informed with push notifications.



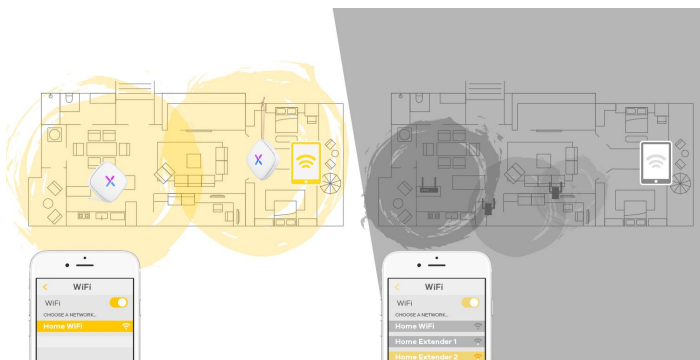
## Verify the status by breathing LED

The Zyxel Multy U is a stylish WiFi system, embracing the beauty of light into a leading technology product. The effect of breathing LED is a periodic color fashion that is unique amongst WiFi System. You can check the system's status during operation at a glance with its light indicator.



## One WiFi network to ensure a seamless connection

Multy creates a single wireless network name and password, allowing you to roam, work and play freely throughout your home without the need to reconnect to another network.



## Ethernet backhaul for reliable connection

Need more speed and prevent wireless interference? The Zyxel Multy U supports Ethernet backhaul, allowing every node to be wired together with an Ethernet cable to ensure the best reliability and performance.



## Expand for more WiFi coverage

Want to increase WiFi range? The Zyxel Multy U is an expandable WiFi system that can easily add extra nodes for additional WiFi coverage in a multi-room environment.



## Support Amazon Alexa Voice Control

The Zyxel Multy U is an Amazon Alexa-enabled device. Alexa enables you to interact with Multy U using voice. Let user connect to Alexa to manage home network easier. Make your voice-control experience better.



# Specifications

## System Specifications

### Wireless Standard

- IEEE 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n/ac Wave 2, 5 GHz

### Wireless Transfer Rate

- Transmit & Receive:
  - 866 Mbps\* for 5 GHz (dedicated backhaul)
  - 866 Mbps\* for 5 GHz
  - 300 Mbps\* for 2.4 GHz

### Coverage

- Up to 6000 sq. ft./557 m<sup>2</sup>\*\*

## App

- Easy to setup
  - Support myZykelCloud SSO (Single-Sign-On) system
  - Quick Bluetooth setup
  - Support wireless site survey to identify optimum installation locations for slave node
  - Support combining/separating 2.4G and 5G WiFi network from each other in WiFi system
- Support Internet access control (Parental Control)
  - Organize multiple devices into group
  - Block or allow specific group based on time schedule
  - Flexible override Internet access for specific device group
- Support guest WiFi setting
  - Share WiFi name and password via QR code for your guests
  - Monitor of active concurrent guest devices connected
- Diagnose network via speed test
  - Internet throughput
  - Master AP to Internet
  - Slave AP to Internet
  - Slave AP to Master AP
  - Mobile to Internet
- Push notification
  - New device connected
  - New firmware available
  - Speed test result
- Remote management

- Automatic updates for new features
- Support iOS 9 or later and Android 5.0 or later
- Support language: EN/ZH/DE/ES/FR/IT/PT

## Hardware Specifications

- CPU: 1 GHz Dual-Core
- Memory: 256 MB RAM
- Flash: 512 MB
- WAN: One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LAN: One 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
- Antenna: 6 internal antennas
- Bluetooth: BLE 4.1
- LED indicator: Status indication/ auto dimming
- Button:
  - LED On/Off
  - Reset
- Power: 12 V DC, 1.5 A
- Power consumption: 14 watt

## Physical Specifications

- Item dimensions (WxDxH): 123 x 123 x 30 mm (4.8" x 4.8" x 1.2")
- Item weight: 310 g (0.68 lb.)

### Pack of 1

- Packing dimensions (WxDxH): 175 x 158 x 95 mm (6.89" x 6.22" x 3.74")
- Packing weight: 863.8 g (1.90 lb.)

### Pack of 2

- Packing dimensions (WxDxH): 316 x 158 x 95 mm (12.44" x 6.22" x 3.74")
- Packing weight: 1430 g (3.15 lb.)

### Pack of 3

- Packing dimensions (WxDxH): 465 x 158 x 95 mm (18.31" x 6.22" x 3.74")
- Packing weight: 2033 g (4.48 lb.)

## Environmental 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)

## Certifications

- Safety: CE-LVD, BSMI
- EMC: CE, FCC, BSMI, NCC

## Package Contents

- Multy U
- Power adapter
- Ethernet cable
- Leather strap
- Quick start guide

## Support

- Voice control with Amazon Alexa
- Forum: [homeforum.zykel.com](http://homeforum.zykel.com)
- Live-chat in forum
- App feedback included

\* The maximum wireless data transfer rates of up to 300 Mbps at 2.4 GHz and 866/866 Mbps at 5 GHz in simultaneous transmission are derived from the IEEE Standard 802.11 specifications. Actual data transfer rates may vary from network conditions including: distance, network traffics, building site material/construction, interference from other wireless devices and other adverse factors.

\*\* Cover up to 6000 sq. ft./557 m<sup>2</sup> with Multy U pack of 3.

Download App



Q Zykel Multy

For more product information, visit us on the web at [www.zykel.com](http://www.zykel.com)

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Datasheet **Multy U**



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