



# MULTY

## AX1800 WiFi 6 Whole Home WiFi System

### Full coverage—for all home sizes

Suffering from poor wireless connectivity at home with your old router? Multy M1 eliminates the frustration by providing a powerful wireless network with wider coverage and stronger signal strength. Whether your home is large or small, Multy M1 provides more wireless coverage—for better connections.

### WiFi 6 Technology heralds a new era

Multy M1 is powered with the latest WiFi 6 technology which has been designed to offer faster and efficient connections especially in device dense environments. Featuring the Multy app, an intuitive tool allowing you to view your home network, set parental controls, configure WiFi, and much more.



Exceptional WiFi coverage throughout your home



AX1800 WiFi 6 optimized efficiency and throughput



Flexible wired and wireless connection



Hassle-free installation and management with Multy APP



Designed to be mounted anywhere



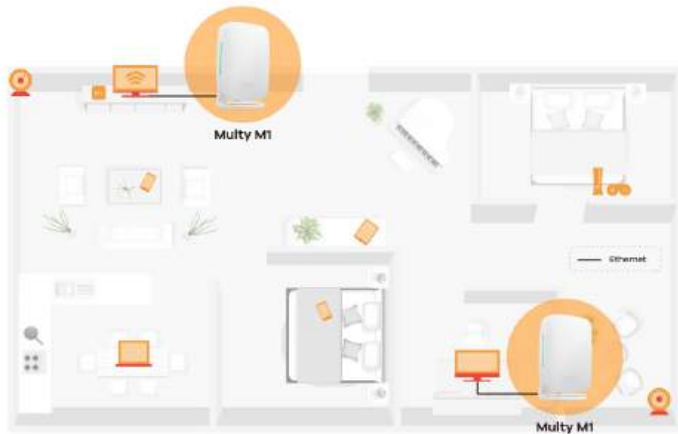
Amazon Alexa Voice Control



## Benefits

### Optimized Mesh powered by WiFi 6

Multy M1 is powered by the latest WiFi 6 technology, with 4 times of data efficiency and capacity improvement to serve more connected networking devices. Offers insanely fast WiFi throughput for improved gaming, streaming, and smart home experience.



### One WiFi name for seamless roaming

Multy M1 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.



### Flexible wired and wireless connection

Operate your local network at full capacity with Gigabit solution! Each Multy M1 device equipped with four gigabit Ethernet LAN ports, which can be used to connect to more devices like media servers, NAS storage devices, switches, and other Smart Home devices.



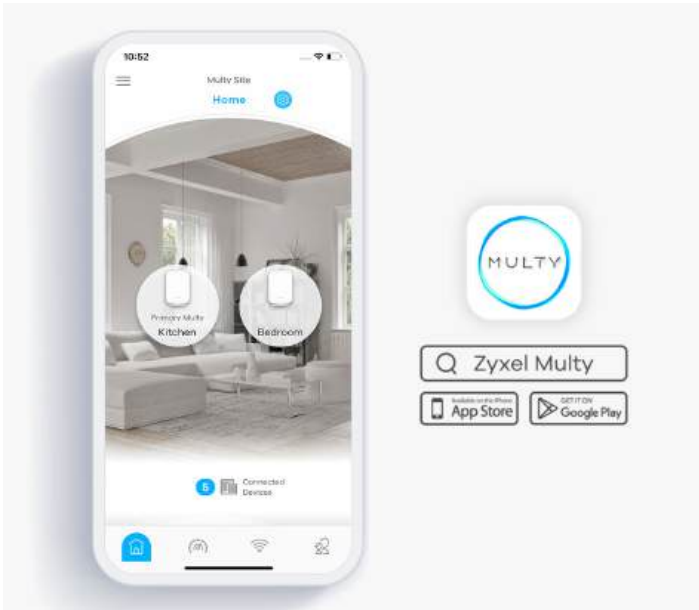
### Mount your Multy anywhere you like

Place Multy nodes across your home in corridors, kitchen, rooms, and more. Place it anywhere in your home, Multy M1 is designed for all your decoration needs!



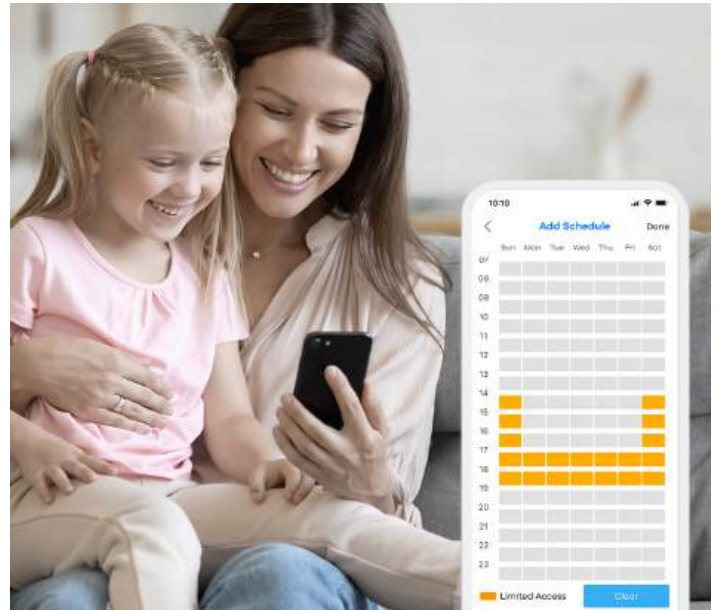
### Faster to setup, simpler to manage

One Zyxel Multy app does it all, giving you full control over everything that happens on your network, anytime and anywhere! Simply follow the on-screen instructions. the app will take care of the rest, getting your network up and running in minutes.



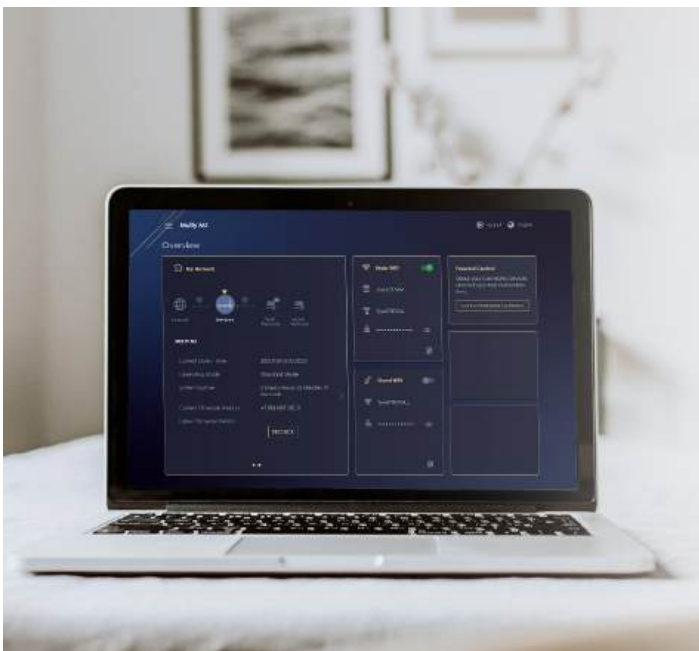
### Safeguard your kids for internet safety

- Block or allow specific group based on time schedule.
- Flexible override Internet access for specific device group
- Set Internet limitation for your child.
- Support intervals in schedule settings and timer



### Get the network all set up from a web browser

The web-based interface enables you to manage your network on a computer and access advanced features. Including wired & wireless setup and management, diagnose and speed test, access control, guest network management, new firmware notification and upgrade.



### Supports Amazon Alexa voice control

Control your WiFi network with the power of your voice using Amazon Alexa and Multy skillset. Enabling you to manage M1 easily. Ask Alexa to perform various tasks without needing to open the Multy app on your phone.



# Specifications

## System

### Speed Rating (per unit)

- WiFi 6 AX1800 (600 + 1200 Mbps)

### Wireless Standard

- IEEE 802.11 ax/n/b/g 2.4 GHz
- IEEE 802.11 ax/ac/n/a 5 GHz
- 2.4GHz AX: 2x2 (Tx/Rx) 1024 QAM 20/40MHz, up to 600 Mbps
- 5GHz AX: 2x2 (Tx/Rx) 1024 QAM 20/40/80MHz, up to 1200 Mbps
- Compatible with 802.11a/b/g/n/ac WiFi standards

### Transmission Speed

- Transmit & Receive:
  - 600 Mbps\* for 2.4 GHz
  - 1200 Mbps\* for 5 GHz
- MU-MIMO capable for simultaneous data streaming
- Beamforming for 2.4GHz & 5GHz bands

## App

### Multy app

- Easy to setup
  - Support myZykelCloud SSO (Single-Sign-On) system
  - Support location check to suggest Multy node placement for better signal strength and coverage
- Support Internet access control
  - Block or allow specific group based on time schedule
- Support guest network setting
  - Share network name and password via QR code for guests
  - Monitor of active concurrent guest devices connected
- Diagnose network via speed test
- Push notification
  - New device connected
  - New firmware available
  - Speed test result
- Remote management
- Automatic updates for new features
- Support language: EN/ZH/DE/ES/FR/IT/PT

## Software

- Security
  - IPsec Pass-Through
  - PPTP Pass-Through
  - L2TP Pass-Through
  - VPN Client/Server Support (OpenVPN)

- WPA3-PSK
- WPS Support
- Guest Network
- Automatic Firmware Update
- Wireless Features
  - Guest WiFi
  - WiFi Protected Setup (WPS)
  - WiFi Multimedia (WMM)
  - Auto channel selection
  - Support 3 SSIDs for multiple purpose
  - Multicast-Unicast Conversion
  - Traffic separation from host network
  - Band Steering
  - AP Steering
- Routing Protocols
  - WAN type: Static IP, DHCP, PPPoE
  - IGMP v1/v2/v3
  - Auto-IP change
  - IPv4/IPv6
  - Network Address Translation (NAT)
  - DHCP server/client
  - Dynamic DNS
- Firewall
  - Stateful Packet Inspection (SPI)
  - Deny of Service (DoS) Prevention
  - MAC Filter
  - TCP/IP Filter
- Operation Mode
  - Standard mode (Router mode)
  - Bridge mode (Access point mode)
- Web Browser
  - Advanced wired & wireless setup and management
  - Diagnose & speed test
  - Parental Control

## Hardware

- CPU: 880 MHz Dual-Core
- Memory: 256MB RAM
- Flash: NAND Flash 128MB
- Antenna: 2 Dual-Band Internal Antennas
- Buttons:
  - LED On/Off
  - WPS
  - Reset
- WAN: One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LAN : Three 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
- LED indicator: Status indication
- Power: 12 V DC, 1.5 A
- Power consumption: 15 watt

## Physical Specifications

- Item dimensions (LxWxH): 192 x 133 x 66 mm (7.55" x 5.23" x 2.59")
- Item weight: 254 g (0.56 lb.)
- Packing dimensions(LxWxH): 281x 238 x 151mm (11.06" x 9.37" x 5.94)
- Packing weight: Pack of Two: 1.72Kg (3.79 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 90% (Non-condensing)

## Certifications

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

## Package Contents

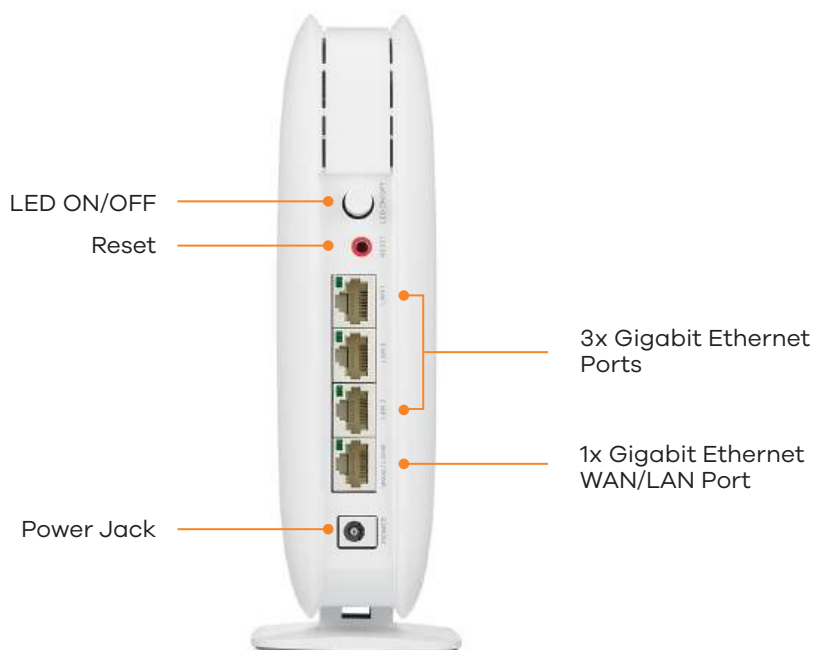
- Pack of Two
  - Root x 1, Satellite x 1
  - Ethernet cable Cat5e x1
  - Power adapter x 2 (White, 90 degree elbow, fix EU/US plug)
  - Mounting kit x 2 (Wall mounting base)

## Support

- Voice control with Amazon Alexa
- Forum: [community.zykel.com](https://community.zykel.com)
- App feedback included
- Learn more about Multy App: [www.zykel.com/MultyAppHelp](https://www.zykel.com/MultyAppHelp)
- Community forum: [community.zykel.com](https://community.zykel.com)

\* The maximum wireless signal rate is based on IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. Zykel makes no representations or warranties about this product's compatibility with future standards. Up to 1,800Mbps wireless speeds achieved when connecting to other 802.11ax 1,800Mbps devices.

## Interface



## Wall-mount Kit Scenario



### Download App

Q Zyxel Multy



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

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