

# EDUP 1800MBPS AX WIFI 6 SMART WIRELESS 5 GHZ DUAL-BAND GIGABIT WIFI ROUTER

Product Model: EP-AX1800EX

## Product Description

EDUP AX1800EX Wireless Router can establish 2.4GHz 600Mbps and 5GHz 1.2Gbps connections simultaneously for 1.8Gbps of total available bandwidth , can easily support online HD video playback, 3D games and other high speed applications.

With the future of home entertainment becoming more and more wire free, EDUP's family of Home Network devices take advantage of the latest in technology, bringing both entertainment and convenience together at last.



## Features

1. Blazing high wifi speed: Wireless router with 802.11ax technology, provides 4X greater network capacity and efficiency in traffic-dense environments to get ultra-fast wireless speeds. Thus, this gigabit wireless router is ideal for online gaming and 4K video streaming. If you own multiple terminals like smart home devices, rockspace wifi6 computer routers might be the best choice for you
2. Unbeatable wifi coverage: AX1800EX wireless router with 4 high gain antennas and beamforming tech can boost strong and stable signal to anywhere. This wifi router achieves a whole coverage up to 2500 sq ft. With rockspace gaming router, everyone in your family can enjoy the perfect network indoors and out. Tip: placing the wifi router in a central location will help ensure the best wireless router signal
3. Satisfactory wifi performance: Wifi6 wireless router with OFDMA tech enables efficient data scheduling, supporting more data transmission simultaneously. Signal from your rockspace, gaming router could stay strong and reliable even when connected by multiple devices. Additionally, the quad-core processor of this smart wifi router can reduce latency and improve your wifi performance dramatically
4. Uninterrupted connections: Wifi 6 computer routers with MU-MIMO technology can deliver data to multiple devices at the same time. This wireless router can connect 35+ devices, gigabit ports of rockspace gigabit wireless router offer up to 10x faster than standard ethernet and USB 3.0 hub port of the smart wifi router can easily connect shared storage devices, printers, and other peripherals to your network
5. Easy to use: AX1800EX routers for wireless internet supports all current wifi devices, compatible with 802.11a/b/g/n/ac/ax terminals. The computer routers can select the fastest wifi band for devices automatically. Just setup your gaming router on the web UI. Additionally, the wifi 6 router goes beyond traditional network security to provide features like parent control, and guest network

## Wifi Performance

2.4GHz (802.11ax, 2\*2)

|                 |  |
|-----------------|--|
| Standard        | 2.4GHz: IEEE802.11ax/IEEE802.11n/IEEE802.11g/IEEE802.11b |
| Antenna         | Two (2) external antennas 5dBi                           |
| Connection rate | 600Mbps  |

5GHz (802.11ax,2\*2)

|                 |   |
|-----------------|---|
| Standard        | 5.0GHz: 802.11ax/802.11ac/IEEE 802.11n/IEEE 802.11a |
| Antenna         | Two (2) external antennas 5dBi                      |
| Connection rate | 1.2Gbps   |

- **Software Features**

| Feature Item                | Feature  | Detailed Description   |
|-----------------------------|--|--|
|                             | 802.1q/1p VLAN over RFC2684bridge encapsulation          |  |
|                             | PPPoE  | Support AUTO,PAP,CHAP,MS-CHAPauthentication.Auto or static IP address assignment.        |
|                             | PPPoE passthrough  | Supports concurrent PPPoE clients inside the modem and PPPoE clients on the LAN devices. |
|                             | PPPoE filtering of non-PPPoE packets between WAN and LAN | Support filtered non-PPPoE packets.  |
|                             | Auto clean up of remote stalled PPP sessions at BRAS     |  |
|                             | IpoE   | Support dhcp and static ip config  |
|                             | Transparent bridging between all LAN and WAN interfaces  |  |
|                             | WAN to WAN blocking in bridgemode                        |  |
| <b>Networking Protocols</b> | Ethernet as WAN  |  |
| <b>Networking</b>           | Full Cone NAT  |  |
|                             | DMZ Host   |  |
|                             | FTP  |  |
|                             | TFTP   |  |
| <b>ALGs</b>                 | SIP  |  |
|                             | RTSP   |  |

H.323

Port Triggering

PPTP

IPSec/VPN and IPSec/L2TP

IPSec VPN

L2TP client

PPTP client

VPNs

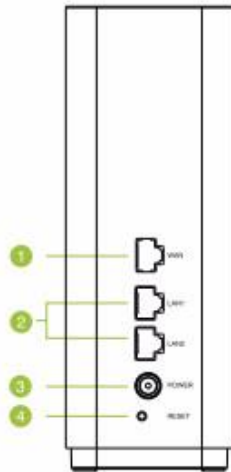
Firewall/

Stateful Inspection

## Installation

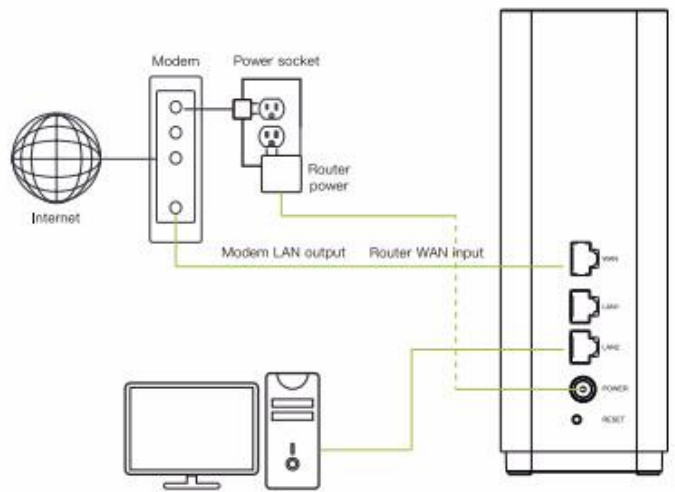
### Package Contents

- ✓ AX1800 wireless router \* 1
- ✓ RJ-45 Ethernet cable \* 1
- ✓ Power supply \* 1
- ✓ Installation Guide \* 1



- |                    |         |
|--------------------|---------|
| 1 Gigabit WAN port | 3 Power |
| 2 Gigabit LAN port | 4 Reset |

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## How to go to the setting page ?

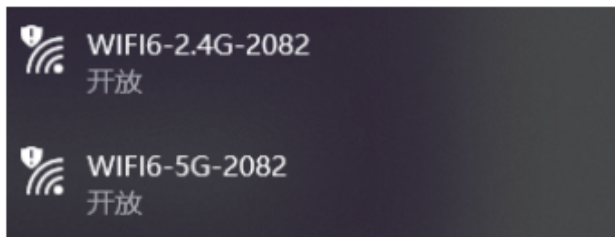
01. Default Wifi Name: WiFi6-2.4G-XXXX / WiFi6-5G-XXXX  
There is no password in Both Wifi.

You can go to the setting page by wired connection or wireless connection.

Wired Connection(Highly recommend): Please use a cable to connect the LAN port of the router to your computer.

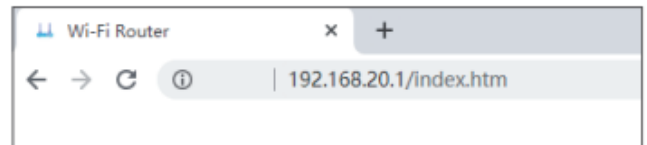
(Note: If you can't find the wifi, please use this way, and then you don't need to connect to any Wifi.)

Wireless Connection: Please use cellphone, laptop to connect to the wireless wifi from the router.



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02. Open the browsers like "IE Browser", "Google Browser" in the computer, cellphone or laptop. And type "192.168.20.1" in the address bar as picture shows.

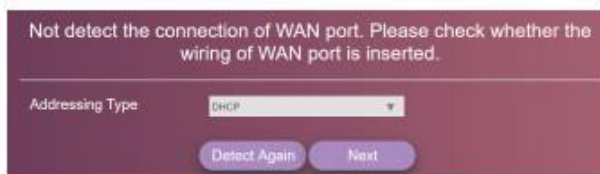


Click "Start Setup" to enter the setting interface of WAN port function to choose your Addressing Type. (Note: If you don't know what your Addressing Type is, please consult with your ISP (Internet Service Provider), and then choose your Addressing Type from either of below.



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- ① DHCP Function (Dynamic IP Function) (Default), Click "Next".



- ② PPPOE Function: Please type in the bandwidth account and password from your ISP (Internet Service Provider), Click "Next".



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- ③ Static IP Function: Please fill the blank with IP Address, Subnet Mask, Default Gateway, DNS Address from your ISP (Internet Service Provider), Click "Next".



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03. WiFi Information Setting: Users can change the WiFi name and password as they need.



04. Password for logging in the setting page of the router.



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05. After setting, click Apply, when the progress bar reaches 100%, as shown below:



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## FAQ

### 1. How to reset the router?

Find a sharp thing like pin to long press the reset button in the back for 5 seconds until it changes into red light, which means it is successful.

### 2. WiFi dual frequency integration function setting and application?

Answer: Use a terminal device (computer or mobile phone) to connect to the router's network, access the router gateway address: 192.168.20.1, log in to the router management interface, find the "Basics" page, find the "Wireless" interface, and set in "Dual Frequency Integration" Open, after modification, please click "Save".

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### 3. How to set 5G WiFi to work under AX protocol?

Answer: Use a terminal device (computer or mobile phone) to connect to the router's network, access the router gateway address: 192.168.20.1, log in to the router management interface, find the "Basics" page, find the "Wireless" interface, and set "Dual Frequency Integration" Close, find "Work Modem" in "5G WiFi" and change it to "802.11ax". After the modification, please click "Save".

### 4. How to modify the default gateway address of the router: 192.168.20.1?

Answer: Use a terminal device (computer or mobile phone) to connect to the router's network, access the router gateway address: 192.168.20.1, log in to the router management interface, find the "Basics" page, find the "LAN" interface and "LAN IP Configuration" to modify, and click "Save" after the modification.

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