

Model Name

RT-AX55

Network Standard

IEEE 802.11a

IEEE 802.11b

IEEE 802.11g

IEEE 802.11n

IEEE 802.11ac

IEEE 802.11ax

IPv4

IPv6

Product Segment

AX1800 ultimate AX performance : 1201 Mbps+ 574 Mbps

AX technology

Yes

Data Rate

802.11a : up to 54 Mbps

802.11b : up to 11 Mbps

802.11g : up to 54 Mbps

802.11n : up to 300 Mbps

802.11ac : up to 867 Mbps

802.11ax (2.4GHz) : up to 574 Mbps

802.11ax (5GHz) : up to 1201 Mbps

Antenna

External antenna x 4

Transmit/Receive

2.4 GHz 2 x 2

5 GHz 2 x 2

Processor

1.5GHz quad-core processor

Memory

128 MB Flash

256 MB RAM

Boosts speed

OFDMA (Orthogonal Frequency Division Multiple Access)

Beamforming: standard-based and universal

1024-QAM high data rate

20/40/80 MHz bandwidth

Operating Frequency

2.4G Hz / 5 GHz

Ports

RJ45 for Gigabits BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 4

Button

WPS Button, Reset Button, Power Switch

LED Indicator

Power x 1

2.4G x 1

5G x 1

LAN x 1

WAN x 1

Power Supply

AC Input : 110V~240V(50~60Hz)

DC Output : 12 V with max. 1 A current

Package content

RT-AX55

RJ45 x1

Adapter x1

QSG x1

Warranty Card x1

Product Weight (g)

374g

AiMesh

AiMesh:Yes

Primary AiMesh router:Yes

AiMesh node:Yes

Router APP

ASUS Router APP:Yes

Game

Game Boost/acceleration:No

WTFast:No

Alexa

Support Alexa skill:Yes

IFTTT

Support IFTTT:No

AiProtection

AiProtection: AiProtection Classic

Malicious site blocking:Yes

Two-Way IPS:No

Infected Device Prevention and Blocking:Yes

Parental Control

Parental Control:Yes

Parental Control Customized Internet schedule:Yes

Traffic Control

Adaptive QoS:Yes

Bandwidth limiter:Yes

Traditional QoS:Yes

Traffic Monitor:Yes

Real-time traffic monitor:Yes

Wired Traffic Monitor:Yes

Wireless Traffic Monitor:Yes

Website history:Yes

Wireless

IPv6:Yes

MU-MIMO:Yes

Wi-Fi Encryption:Open system, WPA/WPA2-Personal, WPA/WPA2-Enterprise, WPA3-Personal

UTF-8 SSID:Yes

Guest Network:Yes

WPS:Yes

Wi-Fi MAC address filter:Yes

Wireless scheduler:Yes

Airtime fairness:Yes

RADIUS Server:Yes

Universal beamforming:Yes

Explicit beamforming:Yes

WAN

Internet connection Type:PPPoE, PPTP, L2TP, Automatic IP, Static IP

Dual WAN:No

WAN Aggregation:No

3G/4G LTE dongle:No

Port triggering:Yes

DMZ:Yes

DDNS:Yes

Let's Encrypt:Yes

LAN

DHCP Server:Yes

IGMP snooping:Yes

IPTV:Yes

LAN Link Aggregation:No

Manually assign IP address:Yes

VPN

VPN Client L2PT:Yes

VPN Client OVPN:Yes

VPN Client PPTP:Yes

VPN Server IPsec:Yes

VPN Server OVPN:Yes

VPN Server PPTP:Yes

VPN Fusion:No

USB application

HDD hibernation:No

Safely Remove disk:No

AiCloud:No

Download master:No

AiDisk:No

Media Server:No

Time Machine:No

Samba Server:No

FTP Server:No

Shared Folder privileges:No

Administration

Operating mode:Access Point, AiMesh Node, Media Bridge, Repeater, Router

Operating system:ASUSWRT

Free OS upgrade:Yes

Firewall:Yes

Wake on LAN (WOL):Yes

SSH:Yes

Configuration backup and restore:Yes

Diagnosis tools:Yes

Feedback system:Yes

System log:Yes