

RT-AX88U

AX6000 Dual Band 802.11ax WiFi Router supporting MU-MIMO and OFDMA technology, with AiProtection Pro network security powered by Trend Micro™, built-in *wtfast*® game accelerator and Adaptive QoS

- **Next-Gen WiFi Standard** - 802.11ax WiFi standard for better efficiency and throughput.
- **Ultrafast WiFi Speed** - 6000Mbps WiFi speed to handle even the busiest network with ease.
- **Wider Usage and More Convenience** - 4 antennas + 8 LAN ports to support more clients at the same time.
- **Commercial-grade Security** - AiProtection Pro, powered by Trend Micro™, blocks internet security threats for all your connected smart devices.
- **Better Partner with Mesh System** - Compatible with ASUS AiMesh WiFi system for seamless whole-home coverage.



Warp-speed WiFi

RT-AX88U is a 4x4 dual-band Wi-Fi router that provides 160MHz bandwidth and 1024-QAM for dramatically faster wireless connections. With a total networking speed of about 6000Mbps — 1148Mbps on the 2.4GHz band and 4804Mbps on the 5GHz band — RT-AX88U is 2.3X faster than 802.11ac 4x4 dual-band routers.



Give your Online Gaming a Double Boost

RT-AX88U's Adaptive QoS prioritizes game packets for smoother online play. It also has built-in *wtfast*® to seek out and secure the shortest possible path between your gaming device and the game server, minimizing game ping and lag.



Commercial-grade Security for your Home Network

RT-AX88U has lifetime free AiProtection Pro, powered by Trend Micro™ with automatic, regularly updated security signatures to protect your devices and personal data from internet threats. This strong security offers advanced parental controls, including the ability to block specific websites and mobile app types.

AiCloud

Your World on Demand.

AiCloud keeps you connected to your data wherever you are. Access, share and stream all your photos, videos and files from your router on any internet-connected desktop, notebook or mobile device.



ASUS Router App

Control Your Network Anywhere.

ASUS Router App is built from the ground-up to be both intuitive and robust, allowing you to setup your router, manage network traffic, diagnose connection issues and even update firmware, all without needing to boot up a PC.



What's Inside the Box

- RT-AX88U Router
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

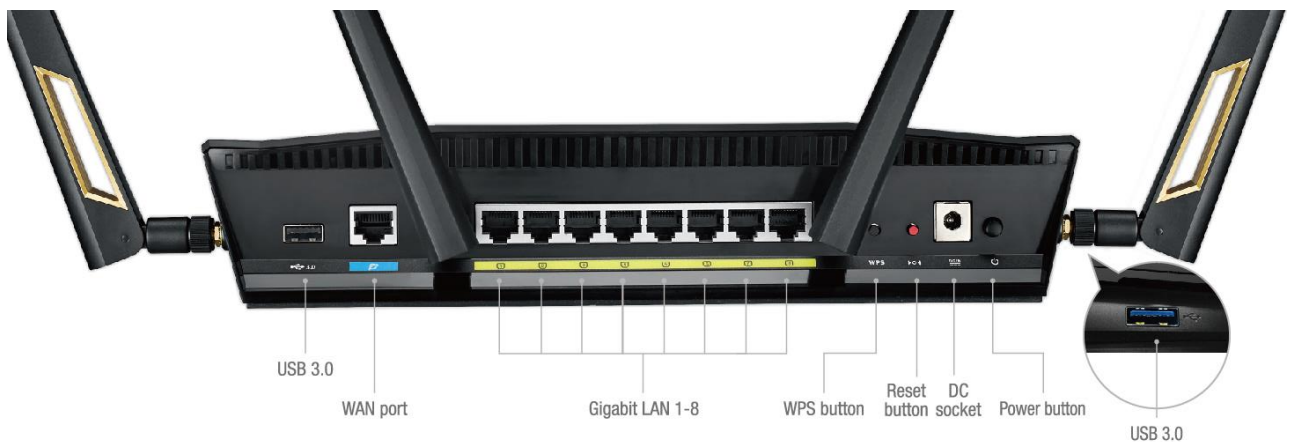
Specifications

- Wireless Type : 802.11 ax/ac/n/g/a/b
- Wireless Speed : 2.4GHz up to 1148 Mbps / 5GHz up to 4804Mbps
- Wired Connectivity : 8x LAN, 1x WAN Gigabit Ethernet ports
- USB Ports : 2 x USB 3.0(USB 3.1 Gen 1)



Official Site

Connectivity



Specifications

| | |
|---------------------------|---|
| Network Standard | IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IPv4, IPv6 |
| Product Segment | AX6000 ultimate AX performance |
| Coverage | Very large homes |
| Data Rate | 802.11ax (2.4GHz) : up to 1148 Mbps 802.11ax (5GHz) : up to 4804 Mbps |
| Antenna | External antenna x 4 |
| Transmit/Receive | 2.4 GHz 4 x 4 5 GHz 4 x 4 |
| Processor | 1.8 GHz quad-core processor |
| Memory | 256 MB Flash 1 GB RAM |
| Wi-Fi Technology | OFDMA (Orthogonal Frequency Division Multiple Access) Beamforming: standard-based and universal 1024-QAM high data rate 20/40/80/160 MHz bandwidth |
| Operating Frequency | 2.4 GHz / 5 GHz |
| Encryption | WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , WPS support |
| Firewall & Access Control | Firewall: SPI intrusion detection, DoS protection Access control : Parental control, Network service filter, URL filter, Port filter |
| Management | UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, Port Trigger, Port Forwarding, DMZ, System Event Log |
| VPN Support | IPSec Pass-Through PPTP Pass-Through L2TP Pass-Through PPTP server OpenVPN server PPTP client L2TP client OpenVPN client |
| WAN Connection Type | Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP |
| Utilities | Router setup wizard; Firmware restoration; Device discovery; printer setup utility |
| Ports | RJ45 for Gigabits BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 8 USB 3.1 Gen 1 x 2 |

Features

Link Aggregation

- 802.3ad

MU-MIMO

Traffic Analyzer

Adaptive QoS

WTFast Gamers Private Network

AiProtection Pro

Parental Control

Guest Network : 2.4 GHz x 3, 5 GHz x 3

VPN server : PPTP Server, OpenVPN Server, IPSec server

VPN client : PPTP client, L2TP client, OpenVPN client

NAT Pass-Through :PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through, H.323 Pass-Through, SIP Pass-Through, PPPoE relay

Mac OS Backup

Enhanced media server (AiPlayer app compatible)

- Image : Jpeg
- Audio : mp3, wma, wav, pcm, mp4, lpcm, ogg
- Video : asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov

AiCloud personal cloud service

3G/4G data sharing

Printer Server

- Multifunctional printer support (Windows only)
- LPR protocol support

Download Master

- Support bt, nzb, http, ed2k
- Support encryption, DHT, PEX and magnet link
- Upload and download bandwidth control
- Download scheduling

AiDisk file server

- Samba and FTP server with account management

Dual WAN

IPTV support

Roaming Assist

| | |
|----------------|--|
| Button | WPS Button, Reset Button, Power Button, Wireless on/off Button, LED on/off Button |
| LED Indicator | Power x 1, Wi-Fi x 2, WAN x 1 LAN x 1, USB x 2, WPS x 1 |
| Power Supply | AC Input : 110V~240V(50~60Hz) DC Output : 19 V with max. 2.37 A current |
| OS Support | Windows® 10 Windows® 8 Windows® 7 Mac OS X 10.6 Mac OS X 10.7 Mac OS X 10.8 |
| Dimensions | 11.8 x 7.4 x 2.4 (WxDxH) (Without Bezel) |
| Weight | 1010 g |
| Operation mode | Wireless router mode Access point mode Media bridge mode |