RT-AX68U Dual-band WiFi6 Smart Router

- **Wi-Fi 6(802.11AX) technology for multi-devices-** total networking speed of 2700Mbps, supporting 1024-QAM, MU-MIMO, and OFDMA

- **InstantGuard VPN** - one-click to encrypt and secure online activity by building up VPN connection

- **Built-in AiProtection Pro** - lifetime free commercial-grade security, blocks internet security threats for all your connected smart devices

- **Four Gigabit ports** and two USB ports for more flexible connection usage

- Better Partner with **AiMesh System** for seamless whole-home coverage.

Built for Smart Home

WiFi 6 (802.11ax) is engineered to cope with multiple devices, providing up to 4X greater network capacity and efficiency.

WiFi that Goes Further

WiFi 6 provides increased WiFi signal range and better coverage of up to 80% farther.

Faster WiFi. Smoother Usage.

With a total networking speed of 2700Mbps— RT-AX68U is 1.6X faster than 802.11ac 3X3 dual-band routers*.

WiFi that Goes Further

We've designed RT-AX68U to give you the widest possible WiFi coverage. It uses OFDMA, a new technology in WiFi 6 that allows signals to travel further than they can in WiFi 5. The vertical design with a 3x3 MIMO configuration — that's three antennas and three separate data streams — helps too, as do other enhancements like beamforming, which focuses the signal towards each device.
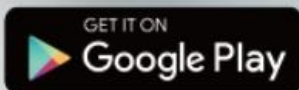
Full Speed Ahead

By combining two 1Gbps internet ports, RT-AX68U supports up to 2Gbps internet connections, so you can take advantage of ultrafast ISP services. Alternatively, you can also combine two of the 1Gbps local network ports to connect to your high-speed networking devices such as NAS storage — the perfect solution for a creative studio!

More Privacy, Anywhere

Instant Guard gives you one-click secure internet access via RT-AX68U from anywhere in the world, thanks to its encrypted data-tunneling VPN technology. With RT-AX68U, you can take your home network with you wherever you go — and say goodbye to web-based third-party VPNs!
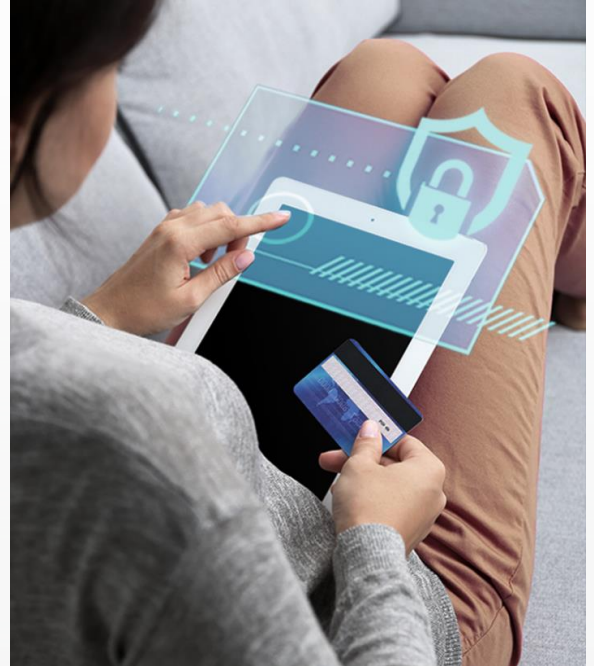
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Make the Internet a Safer Place for Everyone

AiProtection Pro with Advanced Parental Controls is free for life. It gives you total peace of mind, and you can keep an eye on everything that's happening on your network via the mobile app.

Commercial Grade Security

Parental Controls

Flexible and Scalable Wireless Networking

RT-AX68U can deliver smooth, reliable WiFi to every part of your home. ASUS AiMesh is an innovative new router feature that fixes these problems: it creates a whole-home WiFi network using multiple ASUS routers. AiMesh is powerful, flexible and you can use a mix of ASUS router models — protecting your investment! AiMesh gives you time-saving central control, and seamless roaming capability.

Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax
Product Segment	AX2700 AX performance : 861Mbps+ 1802 Mbps
Coverage	Very large homes
Data Rate	802.11a : 6,9,12,18,24,36,48,54 Mbps 802.11b : 1, 2, 5.5, 11 Mbps 802.11g : 6,9,12,18,24,36,48,54 Mbps 802.11n : up to 300 Mbps 802.11n 256QAM : up to 400 Mbps 802.11ac : up to 1625 Mbps 802.11ax (2.4/5GHz) : up to 861/1802Mbps
Antenna	External antenna x 3
Transmit/Receive	2.4 GHz 3x3; 5GHz 3x3;
Memory	256MB Flash, 512MB RAM
Operating Frequency	2.4GHz, 5 GHz
Encryption	WPA3-personal,WPA2-PSK, WPA-Enterprise , WPA2-Enterprise , WPS support
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;OpenVPN server PPTP client;L2TP client; OpenVPN client; PPTP server
WAN Connection Type	Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
Ports	RJ45 for Gigabits BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 4;USB 2.0 x 1;USB 3.1Gen1x1
Features	Router app ; MU-MIMO; Traffic Analyzer; Adaptive QoS; AiProtection Pro; Parental Control; Guest Network; VPN server ;VPN client; Enhanced media server AiCloud ;3G/4G data sharing; Printer Server; Download Master; AiDisk file server; IPTV support ; Roaming Assist; OFDMA; *wtfast®* Gamers Private Network
Button	Power Button, Reset Button, WPS
OS Support	Windows® 10 (Windows 10 Pro license and recovery media included). Windows® 10 64-bit Windows® 8.1 (Windows 10 Pro license and recovery media included). Windows® 8 (Windows 10 Pro license and recovery media included). Windows® 7 (Windows 10 Pro license and recovery media included). Mac OS X 10.1 to 10.12

Specifications

Dimensions	261.35x67.59x186.23~ mm (WxDxH) (Without Bezel)
LED Indicator	2.4GHz,5GHz
	Power x 1
	LAN x 1
	WAN x 1
Router Special Features	Instant Guard, Parental Control, AiCloud, Printer server, Download Master, AiDisK, Multiple SSIDs,
Operation mode	Wireless router mode
	Access point mode
	Media bridge mode