

**Wireless Router  
ASUS Wireless  
Router 1800  
Mbps Mesh IEEE  
802.11a IEEE  
802.11b IEEE  
802.11g IEEE  
802.11n IEEE  
802.11ac IEEE  
802.11ax  
Number of  
antennas 4 RT-  
AX52**



Model: RT-AX52

Manufacturer: ASUS

EAN: 4711387261484

Product Code: 194463

**R1,241**

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## **BSS Coloring Boosts Connection Efficiency**

WiFi 6 includes a new feature called BSS Coloring that improves WiFi connection efficiency even in crowded environments. When two neighboring routers send traffic on the same channel, your router has to wait until the channel is free. With BSS Coloring, your WiFi 6 router identifies its data with a unique channel tag ('color') that's different from neighboring networks. Your WiFi 6 router can then ignore other-colored signals on the channel and send data immediately.\* This greatly reduces router waiting times and boosts network efficiency.

\*A BSS Coloring-compatible client is needed to enjoy the benefit.

## **The Latest WPA3 Network Security**

The next generation of WiFi security, bringing new capabilities to enhance WiFi protections in personal networks. Building on the widespread adoption of WPA2 over more than a decade, WPA3 adds new features to simplify WiFi security, enable more robust authentication, and deliver increased cryptographic strength for highly sensitive data markets.

## **More Privacy, Anywhere**

Free public WiFi is rarely secure. Thanks to Instant Guard VPN technology, you can surf on public WiFi network safely through RT-AX52 with one-click setup. In addition, it's free!

## **Flexible and Scalable Wireless Networking**

If you need more coverage or new functions, you can simply add another compatible router to your AiMesh network at any time!

## **The Way You Want, Easy Control**

Download the latest ASUS Router App. With graphic icons and clear instructions, You can easily start RT-AX52 and setup dedicated functions as you want.

- New-Gen WiFi Standard – Supporting 802.11ax WiFi standard for better efficiency and throughput
- Ultra-fast WiFi Speed – RT-AX52 supports 1024-QAM for dramatically faster wireless connections. With a total networking speed of about 1800Mbps — 574 Mbps on the 2.4GHz band and 1201 Mbps on the 5GHz band

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- Increase Capacity and Efficiency – Supporting not only MU-MIMO but also OFDMA technique to efficiently allocate channels, communicating with multiple devices simultaneously
- Easy Extendable Network – Enjoy seamless roaming with rich, advanced features by adding any AiMesh-compatible router

Summary: ASUS RT-AX52 AX1800 AiMesh. WAN connection type: RJ-45. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 6 (802.11ax), WLAN data transfer rate (max): 1201 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Networking standards: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ad, IEEE 802.11ax, IEEE 802.11g, IEEE 802.11n, VPN server: Instant Guard VPN Client L2TP VPN Client OVPN VPN Client PPTP VPN Server IPSec VPN Server OVPN VPN.... Security algorithms: SSH, SSID, WPA-Enterprise, WPA-PSK, WPA2-Enterprise, WPA2-PSK, WPA3-PSK, WPS. Product type: Tabletop router, Product colour: Black, LED indicators: LAN, Power, WAN, WPS | Vendor Homepage: <https://www.asus.com/networking-iot-servers/wifi-routers/asus-wifi-routers/rt-ax52/> | Modulation: 1024-QAM | Top Wi-Fi standard: Wi-Fi 6 (802.11ax) | Wi-Fi band: Dual-band (2.4 GHz / 5 GHz) | Wi-Fi standards: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6 (802.11ax) | WLAN data transfer rate (first band): 574 | WLAN data transfer rate (max): 1201 | WLAN data transfer rate (second band): 1201 | 3G/4G USB modem compatibility: No | DSL WAN: No | Ethernet WAN: Yes | SIM card slot: No | WAN connection type: RJ-45 | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN interface type: Gigabit Ethernet | Networking standards: IEEE 802.11a/IEEE 802.11ac/IEEE 802.11ad/IEEE 802.11ax/IEEE 802.11g/IEEE 802.11n | Port triggering: Yes | VPN server: Instant Guard VPN Client L2TP VPN Client OVPN VPN Client PPTP VPN Server IPSec VPN Server OVPN VPN Server PPTP | Ethernet LAN (RJ-45) ports: 4 | USB port: No | Quality of Service (QoS) support: Yes | Reset button: Yes | Wake-on-LAN ready: Yes | WPS push button: Yes | DMZ support: Yes | Firewall: Yes | MAC address filtering: Yes | Parental control: Yes | Security algorithms: SSH/SSID/WPA2-Enterprise/WPA2-PSK/WPA3-PSK/WPA-Enterprise/WPA-PSK/WPS | System event log: Yes | DHCP server: Yes | LED indicators: LAN,Power,WAN,WPS | On/off switch: Yes | Product colour: Black | Product type: Tabletop router | AC adapter included: Yes | Cables included: LAN (RJ-45) | Quick start guide: Yes | Warranty card: Yes | Antenna design: External | Antenna type: 2x2 | Antennas quantity: 4 | Built-in processor: Yes | Firmware upgradeable: Yes | Flash memory: 128 | Internal memory: 256 | Processor cores: 2 | Processor frequency: 1300 | Works with Amazon Alexa: Yes | AC input frequency: 50/60 | AC input voltage: 110 - 240 | Output current: 1 | Output voltage: 12 | Power source type: AC,DC | Depth: 126 | Height: 45 | Weight: 298 | Width: 190 | Package depth: 255 | Package height: 55 | Package type: Box | Package weight: 690 | Package width: 254 | Model name: RT-AX52 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.004466 | Unit Calculated

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Weight: 0.827

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