Wireless Router ASUS RT-AX1800U Wireless Router 1800 Mbps Mesh Number of antennas 4 RT-AX1800U

Modelis: RT-AX1800U

Gamintojas: ASUS

EAN: 4711081542506

Prekės kodas: 377498

54.99€

AX1800 Dual Band WiFi 6 (802.11ax) Router supporting MU-MIMO and OFDMA technology, with AiProtection Classic network security powered by Trend Micro™

Get Your Home Ready for WiFi 6 (802.11ax)

The growing number of connected personal and IoT devices has led to an overall increase in network density that is pushing the limits of the current WiFi standard. The latest WiFi 6(802.11ax) standard

provides future-proof technologies, higher network efficiency, faster WiFi speeds, greater coverage and improved battery life for connected devices, providing a significantly better networking experience for users.

*It requires 802.11ax-compatible devices to enjoy the benefits brought by WiFi 6(802.11ax) standard.

Next-Gen WiFi Speed

RT-AX1800U is a 2x2 dual-band WiFi router that provides 80MHz bandwidth and 1024-QAM for dramatically faster wireless connections. With a total networking speed of about 1800Mbps — 574Mbps on the 2.4GHz band and 1201Mbps on the 5GHz band — RT-AX1800U is 1.5X faster than 802.11ac 2x2 dual-band routers.

Network Efficiency

Built for Multi-device Households

With a revolutionary combination of OFDMA and MU-MIMO technology, 802.11ax technology provides up to 4X greater network capacity and efficiency in traffic-dense environments. Previous-generation 802.11ac WiFi can only handle one device at a time on each network channel, which is an inefficient use of available bandwidth. OFDMA support in the WiFi 6(802.11ax) standard divides each channel into small sub-channels, allowing signals from multiple devices* to be bundled together and transmitted simultaneously, reducing latency for a smoother, more responsive WiFi experience.

Power Saving

Better Battery Life for Your Devices

Target Wake Time (TWT) allows RT-AX1800U to schedule designated intervals for devices to transmit data. This allows them to sleep when there is no need to wait for a router signal, reducing power consumption by up to 7X for significantly improved battery life*.

Better Coverage

WiFi that Goes Farther

With the latest WiFi 6(802.11ax) standard featuring OFDMA technology, RT-AX1800U provides

increased WiFi signal range and better coverage by dividing each channel into smaller sub-channels. These sub-channels have a smaller bandwidth that enables them to travel up to 80% farther1, resulting in a better WiFi connection throughout your home*.

Protection for your Home Network

RT-AX1800U incorporates ASUS AiProtection, a commercial-grade network security system powered by Trend Micro™ Smart Home Network. With AiProtection, all connected devices are protected, even if they have no antivirus capability of their own — such as IoT devices. AiProtection blocks common internet-based attacks before they reach the network, and if an infected device is detected on the network, AiProtection instantly blocks it to prevent it sending any personal information to malicious servers.

Connectivity Options

RT-AX1800U has one Gigabit WAN port, three Gigabit LAN ports, and USB 2.0 port*. Smart TV, game consoles, NAS storage devices, backup internet and more can now have their own dedicated ports, making RT-AX1800U your solid digital home hub.

Robust control and optimization with ASUSWRT

With the ASUSWRT dashboard UI, setup, monitor, and control network applications all in one intuitive area. With fast setup, multi-device detection, and flexible settings, ASUSWRT makes the most of your network performance.

*xActual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.

*The external hard drive may need an external power to work with USB application

Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.

All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.

Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.

PCB color and bundled software versions are subject to change without notice.

Summary: ASUS RT-AX1800U. 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, Ethernet LAN data rates: 10,100,1000 Mbit/s, Cabling technology: 10/100/1000Base-T(X). Security algorithms: WPA, WPA2-Enterprise, WPS. Product type: Tabletop router, Product colour: Black, LED indicators: LAN, Power, USB, WAN. Antenna design: External | Vendor Homepage: https://www.asus.com/Networking-IoT-Servers/WiFi-Routers/ASUS-WiFi-Routers/RT-AX1800U/ | 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 (max): 1201 | 3G/4G USB modem compatibility: No | DSL WAN: No | Ethernet WAN: Yes | SIM card slot: No | Cabling technology: 10/100/1000Base-T(X) | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000 | Ethernet LAN interface type: Gigabit Ethernet | Port triggering: Yes | VPN support: - VPN Client L2PT - VPN Client OVPN - VPN Client PPTP - VPN Server IPSec - VPN Server OVPN - VPN Server PPTP | 3G: No | 4G: No | 5G: No | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 3 | USB 2.0 ports quantity: 1 | USB port: Yes | Bandwidth control: Yes | MIMO: Yes | MU-MIMO technology: Yes | Quality of Service (QoS) support: Yes | Reset button: Yes | Wake-on-LAN ready: Yes | WPS push button: Yes | DMZ support: Yes | Firewall: Yes | Guest access: Yes | MAC address filtering: Yes | Parental control: Yes | Security algorithms: WPA/WPA2-Enterprise/WPS | System event log: Yes | DHCP server: Yes | LED indicators: LAN,Power,USB,WAN | On/off switch: Yes | Product colour: Black | Product type: Tabletop router | Antenna design: External |

Antennas quantity: 4 | Flash memory: 128 | Internal memory: 256 | Works with Amazon Alexa: Yes | AC input frequency: 50 - 60 | AC input voltage: 110 - 240 | Output current: 1.5 | Output voltage: 12 | Power source type: DC | Depth: 126 | Height: 45 | Weight: 346 | Width: 190 | Package depth: 126 | Package height: 45 | Package type: Box | Package weight: 1280 | Package width: 305 | Harmonized System (HS) code: 85176990 | Model name: RT-AX1800U | Units per Shipping Box: 10 | Unit Calculated Volume: 0.0043848 | Unit Calculated Weight: 0.89