

RT-AX86 Series (RT-AX86U/RT-AX86S)

AX5700 Dual band WiFi 6 Router

Features

- AX5700 WiFi 6 dual-band router (5GHz AX:4x4 + 2.4GHz AX:3x3)
- AiProtection Pro powered by Trend Micro™
- ASUS AiMesh compatible
- VPN function: Instant Guard, VPN server, VPN client
- Dual USB ports for business applications



Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax
Product Segment	AX5700 ultimate AX performance
Coverage	Very Large homes
Data Rate	<ul style="list-style-type: none"> • 802.11b : up to 11 Mbps • 802.11a/g : up to 54 Mbps • 802.11ax (2.4GHz) : up to 861 Mbps • 802.11ax (5GHz) : up to 4804 Mbps
Antenna	External antenna x 3 Internal antenna x 1
Transmit/Receive	2.4 GHz 3 x 3 5 GHz 4 x 4
Processor	RT-AX86U:1.8GHz quad-core processor RT-AX86S:1.8GHz dual-core processor
Memory	RT-AX86U: 256MB Flash 1GB RAM RT-AX86S: 256MB Flash 512MB RAM

Specifications

WiFi Technology	OFDMA (Orthogonal Frequency Division Multiple Access) Beamforming: standard-based and universal 1024-QAM high data rate 20/40/80/160 MHz bandwidth
Encryption	WPA3-Personal, WPA2-Personal, WPA-Personal, WPA-Enterprise , WPA2-Enterprise , WPS support
Firewall & Access Control	Firewall: SPI intrusion detection, DoSprotection Access control : Parentalcontrol, 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 IPSecserver 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

Specifications

Ports	<p>RT-AX86U: 1 x Gigabit WAN port 4 x Gigabit LAN ports 1x 2.5G/1Gbps multi-Gig port (configurable) 2 x USB 3.2 Gen 1 x 1</p> <p>RT-AX86S: 1 x Gigabit WAN port 4 x Gigabit LAN ports 1 x USB 3.2 Gen1 x 1 1 x USB 2.0</p>
Features	<p>Router app Link Aggregation 802.3ad MU MIMO Traffic Analyzer Adaptive QoS 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, PPPoE relay Mac OS Backup Enhanced media server (AiPlayer app compatible) AiCloud personal cloud service 3G/4G data sharing Printer Server Multifunctional printer support (Windows only) LPR protocol support Download Master AiDisk file server Dual WAN IPTV support Roaming Assist OFDMA Beamforming AiMesh</p>

Specifications

Button	WPS Button, Reset Button, Power Switch, LED on/off Button
LED Indicator	RT-AX86U: Power x 1 2.4GHz x 1 5GHz x 1 2.5G Port x 1 WAN x 1 LAN x 4 WPS x 1 RT-AX86S: Power x 1 2.4GHz x 1 5GHz x 1 WAN x 1 LAN x 4 WPS x 1 USB x 1
Power Supply	RT-AX86U : 19 V with max. 2.37 A current / 19.5 V with max. 2.31 A current RT-AX86S : 12 V with max.3 A current / 19.5 V with max. 2.31 A current
OS Support	Windows® 11 Windows® 10 Windows® 8.1 Windows® 8 Windows® 7 Mac OS Linux
Operation mode	<ul style="list-style-type: none"> • Wireless router mode • Access point mode • Media bridge mode • Repeater mode

Specifications

Dimensions	24.2 x 10.0 x 32.5 cm (with antenna)(WxDxH)
Product Weight	814.5 g
Package Content	<p>RT-AX86U:</p> <ul style="list-style-type: none">• RT-AX86U• RJ-45 cable• Power adapter• Quick Start Guide• Warranty card <p>RT-AX86S:</p> <ul style="list-style-type: none">• RT-AX86S• RJ-45 cable• Power adapter• Quick Start Guide• Warranty card