RT-AX58U series (RT-AX3000)
AX3000 Dual band WiFi 6 Router

Features

- AX3000 WiFi 6 dual-band router
  (5GHz AX:2x2 + 2.4GHz AX: 2x2)
- AiProtection Pro powered by Trend Micro™
- ASUS AiMesh compatible
- USB 3.2 Gen 1 x 1 (USB 3.0) port 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	AX3000 ultimate AX performance
Coverage	Large homes
Data Rate	• 802.11b : up to 11 Mbps • 802.11a/g : up to 54 Mbps • 802.11ax (2.4GHz) : up to 574 Mbps • 802.11ax (5GHz) : up to 2402 Mbps
Antenna	External antenna x 4
Transmit/Receive	2.4 GHz 2 x 2 5 GHz 2 x 2
Processor	1.5 GHz tri core processor
Memory	256 MB Flash, 512 MB RAM

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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-PSK, 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 discovary ; printer setup utility
Ports	1 x Gigabit WAN port 4 x Gigabit LAN ports 1 x USB 3.2 Gen 1 x 1
Router Special Features	Multiple SSIDs, Parental Control

Specifications

Features	Router app
	MU-MIMO
	Traffic Analyzer
	Adaptive QoS
	AiProtection Pro
	Parental Control
	Guest Network :
	VPN server : PPTP 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)
	AiCloud personal cloud service
	3G/4G data sharing
	Printer Server
	Download Master
	AiDisk file server
	IPTV support
	Roaming Assist
	OFDMA
	Beamforming
	AiMesh
Button	WPS Button, Reset Button, Power Switch

Specifications

LED Indicator	Power x 1 2.4G x 1 5G x 1 LAN x 4 WAN x 1
Power Supply	AC Input : 110V~240V(50~60Hz) DC Output : 19 V with max. 1.75 A current
OS Support	Windows® 11 Windows® 10 Windows® 8.1 Windows® 8 Windows® 7 Mac OS Linux
Operation mode	• Wireless router mode • Access point mode • Media bridge mode • Repeater mode
Dimensions (Product)	22.4 x 15.4 x 16.0 cm (LxWxH)
Weight (Product)	538g