

Model

TUF Gaming AX3000 V2 (TUF-AX3000 V2)

Network Standard

IEEE 802.11a

IEEE 802.11b

IEEE 802.11g

WiFi 4 (802.11n)

WiFi 5 (802.11ac)

WiFi 6 (802.11ax)

IPv4

IPv6

Product Segment

AX3000 ultimate AX performance : 2402 Mbps+ 574 Mbps

WiFi Data Rate

802.11a : up to 54 Mbps

802.11b : up to 11 Mbps

802.11g : up to 54 Mbps

WiFi 5 (802.11ac) (1024QAM) : up to 867 Mbps

WiFi 6 (802.11ax) (2.4GHz) : up to 574 Mbps

WiFi 6 (802.11ax) (5GHz) : up to 2402 Mbps

Antenna

External antenna x 4

Transmit / Receive

2.4GHz 2x2

5GHz 2x2

Processor

1.7GHz quad-core processor

Memory

256 MB Flash

512 MB RAM

Boosts Speed

OFDMA (Orthogonal Frequency Division Multiple Access)

Beamforming: standard-based and universal

1024-QAM high data rate

20/40/80/160 MHz bandwidth

Operating Frequency

2.4GHz / 5GHz

Operating Mode

Wireless router mode

Access point mode

Media bridge mode

Repeater mode

AiMesh node mode

I/O Ports

RJ45 for 2.5 Gigabits BaseT for WAN x 1,

RJ45 for Gigabits BaseT for LAN x 4,

USB 3.2 Gen 1 x 1,

Buttons

WPS Button, Reset Button, Power Button

LED Indicator

Power x 1

2.4G x 1

5G x 1

LAN x 4

WAN x 1

Power Supply

AC Input : 100V~240V (50~60Hz)

DC Output : 12 V with max. 1.5 A current

Package Content

TUF Gaming AX3000 V2 Dual Band WiFi 6 router

RJ-45 cable

Power adapter

Quick Start Guide

Warranty card

Product Weight (g)

547 g

Product Dimensions

256 x 178 x 186 mm

AiMesh

AiMesh

- Primary AiMesh Router
- AiMesh Node

Game

Game Boost / Acceleration

Mobile Game Mode

Gear Accelerator

Parental Control

"Allow you to block access to unwanted websites and apps."

Safe Browsing

Customized Internet Schedule

Guest Network

"The Guest Network provides Internet connection for guests but restricts access to your local network."

- Maximum Guest Network Rule : 2.4GHz x3, 5GHz x3

Guest Network Connection Time Limit

Security

AiProtection

WPS support, WPA/WPA2/WPA3-Personal, WPA/WPA2-Enterprise

WPS

DNS-over-TLS

SSH

Security Scan

Firewall

- Maximum Firewall Keyword Filter : 64
- Maximum Firewall Network Service Filter : 32
- Maximum Firewall URL Filter : 64

AiProtection

- Router Security Assessment
- Malicious Site Blocking
- Two-Way IPS
- Infected Device Prevention and Blocking

VPN

VPN Client L2TP

VPN Client Open VPN

VPN Client PPTP

VPN Client WireGuard

VPN Server IPSec

VPN Server Open VPN

VPN Server PPTP

VPN Server WireGuard

VPN Fusion

Traffic Control

Adaptive QoS

- Bandwidth Monitor
- Bandwidth Limiter

-- Maximum Bandwidth Limiter Rule : 32

Traditional QoS

-- Maximum Traditional QoS Rule : 32

Traffic Monitor

- Real-time Traffic Monitor
- Wired Traffic Monitor
- Wireless Traffic Monitor

Traffic Analyzer

- Traffic Analysis Period : Daily, Weekly, Monthly
- Website History

WAN

Internet connection Type : PPPoE, PPTP, L2TP, Automatic IP, Static IP

3G / 4G LTE dongle

Port forwarding

- Maximum Port Forwarding Rule : 64

Port triggering

- Maximum Port Triggering Rule : 32

DMZ

DDNS

NAT Passthrough : PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through, H.323 Pass-Through, SIP Pass-Through,

PPPoE relay

LAN

DHCP Server

IGMP Snooping

IPTV

LAN Link Aggregation

Manually Assign IP Address

- Maximum Manually Assign IP Address Rule : 64

Wake on LAN (WOL)

Wireless

UTF-8 SSID

WiFi MAC Address Filter

- Maximum MAC Filters : 64

Wireless Scheduler

Airtime Fairness

RADIUS Client

Universal Beamforming

Explicit Beamforming

USB application

File System : HFS+, NTFS, vFAT, ext2, ext3, ext4

Safely Remove Disk

AiCloud

Download Master

AiDisk

Media Server

Time Machine

Samba Server

FTP Server

Shared Folder Privileges

Administration

Configuration Backup and Restore

Diagnosis tools

Feedback System

System Log

New Device Connect Notification

Login Captcha

Connection Diagnosis

Auto Firmware Update