ROG RAPTURE
GT-AC2900

Overwhelming powerful dual-band AC2900 gigabit Wi-Fi gaming router

ASUS AURA RGB

AiMesh Supported - Works with ASUS AiMesh compatible routers to create a powerful, flexible, seamless whole-home Wi-Fi system.

Front-line Network Security – Lifetime free AiProtection Pro, powered by Trend Micro™, protects all connected devices from internet threats.

Aura RGB Lighting– Multiple effects for a stylish vibe and reflect the status of your network.

True Gigabit Wi-Fi speed - 160MHz bandwidth support delivering transfer speeds over 1 Gbps.

Certified Cloud-Gaming Router

GeForce NOW is a cloud gaming service that turns your non-gaming system into a powerful gaming rig, and connects you to over 400 top games, like PUBG and Fortnite on popular PC game stores like Steam and Uplay.

GeForce NOW recommended routers ensure up to 90% of Wi-Fi bandwidth is dedicated to gaming and undergo rigorous testing to deliver the best possible experience and lowest latency for cloud gaming.

NVIDIA. GEFORCE NOW™
RECOMMENDED ROUTERS

ROG ECO SYSTEM

ROG Ecosystem – Team Up ROG Gears for Victory

ROG First is a new feature of the ROG GameFirst V network acceleration software for ROG motherboards, laptops and desktops* that ensures seamless operation with ROG routers, resulting in smoother online gaming performance with shorter ping times and minimized lag.

Triple-level Game Acceleration

ROG GT-AC2900 features triple-level game acceleration to boost game traffic every step of the way — from your device to the game server. You'll experience lower ping times and reduced latency for a better online gaming experience.

1st Gaming Port
Packets going through the dedicated gaming port (LAN1) get top priority, delivering bandwidth where you need it most.

2nd Game Boost
Game Boost analyzes network traffic and prioritizes gaming packets, giving games a second level of acceleration for the best possible performance.

3rd Gamers Private Network®
wtfast® provides private, optimized internet connections to game servers, minimizing ping and latency to ensure smooth, lag-free gaming.

Powerful Hardware, Ultimate Performance

NitroQAM™ (1024-QAM) technology delivers the ultimate 5GHz quad-stream (4x4) speeds of up to 2167Mbps, giving GT-AC2900 combined total speed of 2917Mbps. GT-AC2900 top-of-the-line 1.8GHz 64bit dual-core processor brings its computational capability to the next level, enabling USB data transfers of up to 110MB/s and router download/upload speeds (WAN-LAN throughput) of up to 1600Mbps. RangeBoost significantly improves mid- to long-distance Wi-Fi coverage.

5 GHz
1.25x FASTER SPEED
2167 Mbps — 4x4 NitroQAM
1734 Mbps — 4x4

2.4 GHz
1.25x FASTER SPEED
750 Mbps — 3x3 NitroQAM
600 Mbps — 3x3

Multiple Capacity Wi-Fi with Revolutionary MU-MIMO Technology

GT-AC2900 is able to connect to multiple MU-MIMO-compatible clients at each device's maximum speed simultaneously, unlike standard single-user MIMO where individual devices have to wait for sequential transmissions.

ASUS Router App

Control Your Network Anywhere.

ASUS Router App allowing you to setup your router, manage network traffic, diagnose connection issues and even update firmware, all without needing to boot up a PC.

GET IT ON Google Play

Download on the App Store

What's Inside the Box

- ROG Rapture GT-AC2900 Dual-band Gaming Router
- RJ-45 cable
- Power adapter
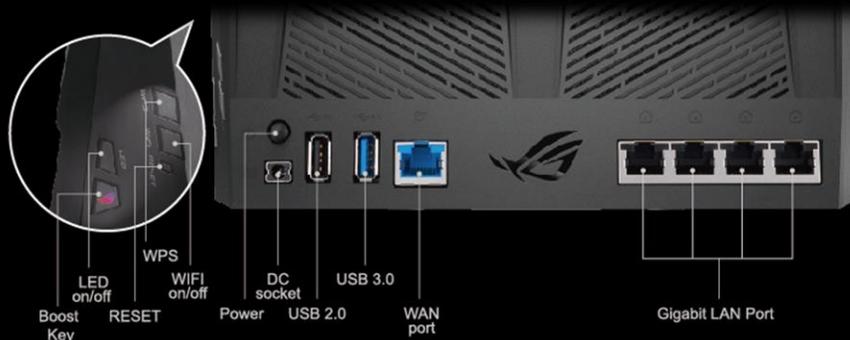- Warranty card
- Quick start guide
- Screwdriver

Specifications

- Wireless Type : 802.11 ac/n/g/a/b
- Wireless Speed : 2.4GHz up to 750 Mbps / 5GHz up to 2167Mbps
- Wired Connectivity : 4 x LAN, 1 x WAN gigabit Ethernet ports
- USB Ports : 1 x USB 3.0(USB 3.1 Gen 1) , 1 x USB 2.0
- Warranty : 3 years (varies by regions)

Scan to check full specs

Connectivity

Win10 Support   IPv6 Support

LED on/off
WPS
WIFI on/off
Boost Key
RESET
DC socket
Power
USB 2.0
USB 3.0
WAN port
Gigabit LAN Port

Connectivity

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IPv4, IPv6
Product Segment	AC2900 ultimate AC performance: 750+2167 Mbps
Coverage	Very large homes
Data Rate	802.11a : 6,9,12,18,24,36,48,54 Mbps 802.11b : 1, 2, 5.5, 11 Mbps 802.11g : 6,9,12,18,24,36,48,54 Mbps 802.11n : up to 600 Mbps 802.11ac: up to1734 Mbps 1024QAM (2.4GHz): up to 750 Mbps 1024QAM (5GHz): up to 2167 Mbps
Antenna	External antenna x 3, Internal antenna x 1
Transmit/Receive	MIMO technology 2.4 GHz 3 x 3 5 GHz 4 x 4
Memory	256 MB Flash 512 MB RAM
Encryption	64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , Radius with 802.1x, WPS support
Firewall & Access	Firewall：SPI intrusion detection, DoS protection
Control	Access control：Parental control, Network service filter, URL filter, Port filter
Management	UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, SNMP, NTP Client, DDNS, Port Trigger, Virtual Server, DMZ, System Event Log
WAN Connection Type	Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
Button	Boost key, LED on/off, Power, Wireless on/off, WPS, Reset
Ports	RJ45 for 10/100/1000 BaseT for WAN x 1, RJ45 for 10/100/1000/Gigabits BaseT for LAN x 4 USB 3.0 x 1 USB 2.0 x 1

Connectivity

Features	ROG Gaming Center
	GeForce Now QoS
	Link Aggregation
	Smart Connect
	Traffic Analyzer
	Game Boost
	Game IPS
	Gamer Private Network®
	Open NAT
	Game Radar
	Wi-Fi Radar
	Parental Control
	Guest Network : 2.4 GHz x 3, 5 GHz-1 x 3, 5 GHz-2 x 3
	VPN server : IPSec Pass-Through, PPTP Pass-Through, L2TP Pass-Through,
	       PPTP Server, OpenVPN Server, IPSec Server
	VPN client : PPTP client, L2TP client, OpenVPN client
	Mac OS Backup
	Enhanced media server (AiPlayer app compatible)
	   - Image : Jpeg
	   - Audio : mp3, wma, wav, pcm, mp4, lpcm, ogg
	   - Video : asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov
	AiCloud personal cloud service
	3G/4G data sharing
	Printer Server
	   - Multifunctional printer support (Windows only)
	   - LPR protocol support
	Download Master
	   - Support bt, nzb, http, ed2k
	   - Support encryption, DHT, PEX and magnet link
	   - Upload and download bandwidth control
	   - Download scheduling
	AiDisk file server
	   - Samba and FTP server with account management
	Dual WAN
	IPTV support
	Roaming Assist

LED Indicator	WAN x 1 / Wireless 2.4GHz x 1 / Wireless 5GHz x 1
Power Supply	AC Input : 110V~240V(50~60Hz) / DC Output : 19V with max. 1.75A current
Dimensions	221*169*111 ~ mm (WxDxH)
Weight	780g
Color	Black
Package Contents	GT-AC2900 ROG Rapture Gaming Router RJ-45 Cable Power Adapter Screwdriver Quick Start Guide Warranty Card
Operation mode	Wireless router mode, Access point mode, Media Bridge mode