



AC2900 Dual Band Gigabit WiFi Gaming Router with MU-MIMO, AiMesh for mesh wifi system, AiProtection network security by Trend Micro, WTFast game accelerator and Adaptive QoS

- **Dual-band (2.4 + 5 GHz) AC2900 wireless router** with the latest 802.11ac MU-MIMO technology for data transfer speeds up to 2900 Mbps
- **1.8GHz 64bit Dual-Core processor** optimizes network traffic and connectivity speeds from the USB 3.1 Gen1 and 4x Gigabit LAN ports
- **Designed for lag-free online gaming and flawless 4K UHD streaming** with WTFast® Game Accelerator and Adaptive QoS
- **AiProtection Powered by Trend Micro™** provides built-in 24/7 protection from external attacks and threats, neutralizing them before they reach your network or connected devices
- **Manage your network with the ASUS Router app** – setup your network, manage usage and parental controls, even get instant notifications about important network-based events
- **AiMesh Supported** - Connect to other compatible ASUS routers to create a powerful and flexible whole-home Wi-Fi network

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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 450 Mbps
802.11ac : up to 1734 Mbps
1024QAM (2.4GHz) : up to 750 Mbps
1024QAM (5GHz) : up to 2167 Mbps

Antenna

External antenna x 3
Internal 3dBi antenna x 1 for Wi-Fi

Transmit/Receive

MIMO technology
2.4 GHz 3 x 3
5 GHz 4 x 4

Processor

1.8 GHz dual-core processor

Memory

256 MB Flash
512 MB RAM

Wi-Fi Technology

Beamforming: standard-based and universal
1024-QAM high data rate
20/40/80 MHz bandwidth

Operating Frequency

2.4 GHz / 5 GHz

Encryption

64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise, WPA2-Enterprise, WPS support

Firewall & Access Control

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 discovery; printer setup utility

Ports

RJ45 for Gigabits BaseT for WAN x 1, RJ45 for 10/100/1000/Gigabits BaseT for LAN x 4
USB 2.0 x 1
USB 3.0 x 1

Button

WPS Button, Reset Button, Power Button, Wireless on/off Button, LED on/off Button

Features

MU-MIMO

Traffic Analyzer

Adaptive QoS

WTFast Gamers Private Network

AiProtection

Parental Control

Guest Network : 2.4 GHz x 3, 5 GHz x 3

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

IPTV support

Roaming Assist

LED Indicator

Power x 1
Wi-Fi x 2
WAN x 1
WPS x 1
LAN x 4

Power Supply

AC Input : 110V~240V(50~60Hz)
DC Output : 19 V with max. 1.75 A current

OS Support

Windows® 10
Windows® 8
Windows® 7
Mac OS X 10.6
Mac OS X 10.7
Mac OS X 10.8
Linux

Dimensions

8.7 x 6.3 x 3.3 inch (WxHxD) ~ inch (Without Bezel)

Weight

1.9 lb

Operation mode

Wireless router mode
Access point mode
Media bridge mode
