

# 4G-AC68U

## AC1900 Dual-Band LTE Wi-Fi Modem Router

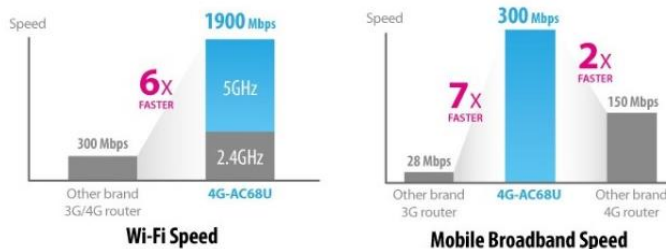
- Fast Wi-Fi Speeds – Concurrent dual-band Wi-Fi delivers smooth streaming with 2.4GHz speeds up to 600Mbps and 5GHz speeds up to 1300Mbps.
- Ultimate 4G Speed - 4G LTE Category 6 technology lets you enjoy 7X-faster speeds than 3G mobile broadband.
- Optimized Wi-Fi Range – AiRadar beamforming and high-power antennas for better coverage.
- Parental Controls - Monitor and restrict internet activity for any user.
- Enterprise-grade Security - ASUS AiProtection provides advanced protection for all devices connected to your home network.



## Consistently Praised for Networking Excellence!

### Super-fast Mobile Broadband, Super-fast Wi-Fi!

ASUS 4G-AC68U features the latest LTE Category 6 mobile broadband, which combines two cellular bands to give you internet download speeds of up to 300Mbps — 2X faster than LTE Category 4, and 7X faster than 3G (HSPA+) — so you can share even the biggest files and stream 4K UHD video with ease. And with the super-fast 1900Mbps 802.11ac Wi-Fi, you can enjoy wireless speeds that are up to 3X faster than 802.11n!



### Improved Protection Against Attacks

Built into ASUS 4G-AC68U, the Intrusion Prevention System (IPS) in AiProtection provides multi-point protection for every connected device on your network and blocks all common internet-based attacks. Automated regular and time-sensitive AiProtection updates ensure that you always have the most up-to-date protection.



## AiProtection Your Smart Home is Protected.

ASUS AiProtection powered by Trend Micro™ improves your online safety and security by combining automatic vulnerability detection, malicious site blocking and parental controls.



## AiCloud Your World on Demand.

AiCloud keeps you connected to your data wherever you are. Access, share and stream all your photos, videos and files from your router on any internet-connected desktop, notebook or mobile device.



## Dual-WAN Dual-WAN for Interruption-free Connections

4G-AC68U has a dedicated Gigabit Ethernet WAN port that can be used as a backup wired internet connection that is activated when the 4G LTE connection fails (failover), and automatically switches back when service is restored (failback). This gives superb flexibility for business or home use — you need never be without an internet connection.

## What's Inside the Box

- 4G-AC68U wireless modem router
- 2 detachable LTE antennas
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide

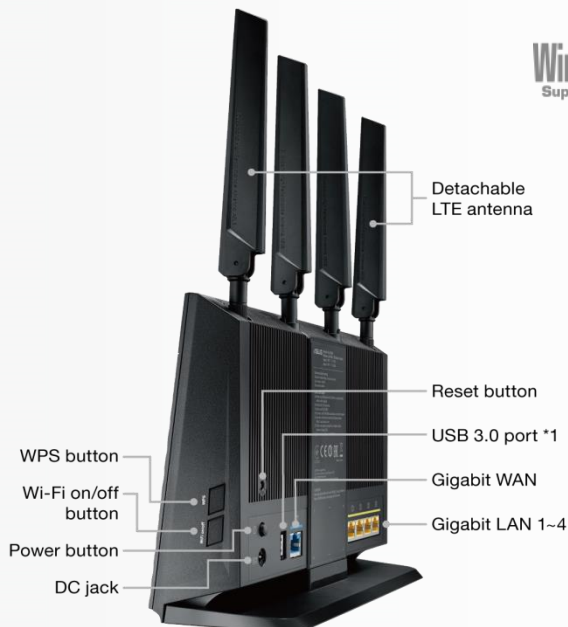
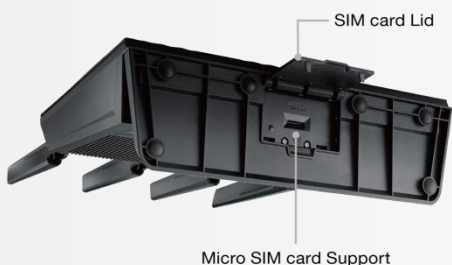
## Specifications

- Wireless Type: 802.11 ac/n/g/a/b
- Wireless Speed: Up to 1900 Mbps
- Wireless Frequency: Dual-band (2.4 & Dual 5 GHz)
- Mobile Broadband Speed: 300Mbps(DL) & 50Mbps(UL)
- Connectivity: 4x gigabit LAN port, 1x gigabit WAN port, 1x micro SIM card slot
- USB Port(s): 1x USB 3.0



Scan for full features and specs

## Connectivity



## Connectivity

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IPv4, IPv6
Product Segment	AC1900 ultimate AC performance:600+1300 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 to 1300 Mbps TurboQAM (2.4GHz) : up to 600 Mbps
Transmit/Receive	2.4GHz 3x3, 5GHz 3x3
Mobile Broadband Frequency	LTE(4G): B1(2100MHz);B3 (1800 MHz);B7( 2600 MHz );B20(800 MHz) with FDD/B38(2600MHz) with TDD WCDMA(3.5G):B1(2100 MHz);B8(900 MHz)
Mobile Broadband Data Rate	LTE (4G Cat. 6 ):300/50Mbps with FDD mode; 61M/18Mbps with TDD mode HSPA+ (3.5G):42.2/5.76Mbps
Memory	128MB/256MB(DDR3)
Antenna	External fixed Wi-Fi antenna x 2, detachable LTE antenna x2
Encryption	64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , Radius with 802.1x, 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, 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
Ports	RJ45 for 10/100/1000/Gigabits BaseT for LAN x 4, RJ45 for 10/100/1000 BaseT for WAN x 1,USB 3.0 x 1
Button	WPS Button, Reset Button, Power Button, Wireless on/off Button

## Connectivity

Features	<p>Traffic Analyzer  Adaptive QoS  AiProtection  Parental Control  Guest Network : 2.4 GHz x 3, 5 GHz x 3  VPN server : IPSec Pass-Through, PPTP Pass-Through, L2TP Pass-Through, PPTP Server, OpenVPN 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</p>
LED Indicator	Power x 1 / WAN x 1 / LAN x 1 / Wireless x 2 / WPS x 1/ USB x 1/LTE x 4
Power Supply	AC Input : 110V~240V(50~60Hz) / DC Output : 19 V with max. 2.37 A current
Dimensions	247 x 76 x 168 ~ mm (WxDxH)
Weight	795 g
Color	Black
Package Contents	<p>4G-AC68U Wireless Modem Router  RJ-45 Cable  Power Adapter  Quick Start Guide  Warranty Card</p>
Operation mode	Wireless router mode, Access point mode, Repeater mode