



RT-AC66U Dual-band 3x3 AC1750 Wifi 4-port Gigabit Router

- Dual-band with the latest 802.11ac 3x3 technology for combined speeds of up to 1750 Mbps
- AiRadar intelligently strengthens wireless connections via high-powered amplification and beam-forming
- Four gigabit ethernet LAN ports for set-top boxes and computers without Wifi
- Two multi-functional USB 2.0 ports for expanded storage and printer sharing
- Effortless router setup with the ASUSWRT web-based interface

[Add to comparison](#)

Upgrade to the Next Generation

The ASUS **RT-AC66U** is a 5th gen dual-band Wi-Fi router, and the launch platform for the new ASUS AiCloud service. Its speed reaches 1.75Gbps, utilizing the Broadcom 802.11ac Wi-Fi controller and working in 2.4GHz and 5GHz. The 5GHz band supports up to 1.3Gbps, exceeding current Gigabit wired transmission and 3X faster than 802.11n. The **RT-AC66U** offers smooth lag-resistant multitasking and super-fast streaming, while ASUS AiRadar intelligently strengthens wireless connections via powerful amplification, offering future-proof optimized performance.

AiCloud offers a unified app for iOS and Android devices that turns the **RT-AC66U** into a personal cloud server, with easy connectivity to Windows PC, Mac, Linux machines, and all USB storage. Each account can sync with other AiCloud clients and public cloud products directly. All your content, files, and data can be accessed, synced, shared, and managed from almost any device – smartphones to desktops – wherever and whenever you're online.



Whether you're a tech-savvy enthusiast or a first-time user, the **RT-AC66U** is exceptionally easy to use with CD-free Quick Installation Setup (QIS) that lets you plug-n-surf right out of the box and connect PCs, smartphones, tablets, and other wireless devices quickly. Thanks to its refined interface tools, you get control like never before, letting you monitor signal strength, setup parental settings, and other useful functions in a robust yet intuitive way.

NVIDIA GameStream Ready

Your router is about to have a lot more fun. That's because it can now stream all your favorite PC games to the NVIDIA® SHIELD™ portable to play anywhere in the house using fast, ultra-reliable NVIDIA GameStream™ technology. ASUS routers deliver lag-free, high-performance game streaming from GeForce® GTX™-powered PCs or NVIDIA GRID™ cloud gaming systems. For more information, visit www.nvidia.com/gamestream.



Designed for Class-Leading Speed and Range

With new networking technology, the **RT-AC66U** delivers exceptionally fast wired and wireless connectivity. ASUS builds this flagship router with high-grade components, offering you stable connectivity and convenient expandability. The router uses powerful detachable Wi-Fi antennas to further extend wireless range.

4 Gigabit LAN and 1 Gigabit WAN

High-speed direct connection

Two Built-in USB Ports

Remote access for P2P downloading, media streaming, printer sharing and 3G network sharing

Three Adjustable Antennas

Effortlessly adjustable to deliver the best wireless signal

Enhanced Cooling

Advanced heat dissipation with high-density aluminum fins

2.4 GHz & 5 GHz Transmitters

Fastest speeds for HD streaming, online gaming, and future applications

256MB RAM

Optimized performance and heavy load stability



The Wi-Fi Router That's Adored by the Media

ASUS **RT-AC66U** combines the incredible speed of 802.11ac wireless with a design that's a Red Dot award-winner. But it's not just great design that's brought in the plaudits — **RT-AC66U** is adored by the world's top technology publications and journalists. Its breathtaking 5th-generation Wi-Fi performance in the 5GHz band has been tested and verified by SmallNetBuilder, while the US edition of PCWorld declared **RT-AC66U** to be the leading 802.11ac router. **RT-AC66U**'s superior performance in enabling all-new networking experiences has also been on the receiving end of accolades from Germany's highly-respected C't magazine.



"ASUS RT-AC66U:
Best WiFi performance in
review - c't 9/2012"



reddot design award
winner 2012



As praised by PCWorld, ASUS RT-AC66U router review:
The best 802.11ac router on the market, so far - Sep 19, 2012

[Learn More](#)



*"For a long-distance test through flooring and walls, Asus's stability here is outstanding."
 "Only Asus manages nearly flawless reliability."
 "The company simply out-engineered its competition and came up with a best-in-class feature set."
 - Tom's Hardware, January 2013*

Super-fast Wi-Fi: 802.11ac



Powered by 5th generation Wi-Fi (5G Wi-Fi), the new 802.11ac Broadcom chipset gives the **RT-AC66U** superfast Gigabit wireless speeds. Compared with

current 802.11n, the **RT-AC66U** delivers up to 1.3Gbps at 5GHz, which is 3X faster than 802.11n! The upgraded bandwidth has the higher capacity you need to increase Wi-Fi enjoyment at home. With notebooks, desktops, pads, and smartphones now all Wi-Fi-reliant, it's time to upgrade to the next generation so you can expand your connectivity now and in future.

Transfer an entire DVD in under 30 seconds.

Wi-Fi standard	Speed	Transmission time
802.11ac	1300Mbps	29secs
802.11n (3X3)	450Mbps	84secs
802.11g	54Mbps	12mins



*Based on theoretical maximum speeds in 5GHz transmission, with one DVD equaling 4.7GB

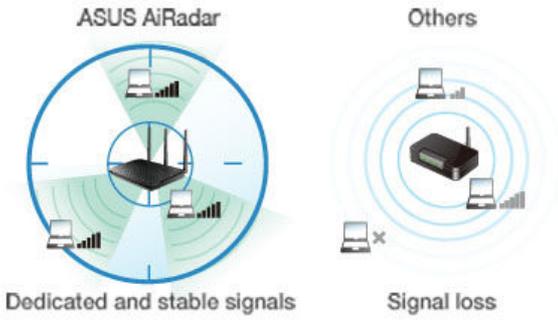
One Place for All Your Data – ASUS AiCloud

ASUS AiCloud is a smart and easy mobile application that brings your ASUS cloud experience to iOS and Android. Access, stream, sync, and share all your files on the go from both public and private cloud storage services. [Learn More](#)



Optimized and Reliable Wireless Coverage via AiRadar

ASUS AiRadar intelligently strengthens connections to wireless devices. With high-powered amplification and beam packaging, it provides optimized signals in any direction with better coverage to improve your data throughput.



Dual-Band Connectivity for Lag-Free Entertainment

Delivering 2.4GHz and 5GHz concurrent bands at up to 450Mbps and 1.3Gbps, respectively, the **RT-AC66U** has a total speed of up to 1.75Gbps, and maintains complete stability. You can perform basic tasks like web browsing and file downloading on the 2.4GHz band, while simultaneously allowing multiple devices to stream in HD or support online gaming and other demanding applications smoothly on the clearer 5GHz band.



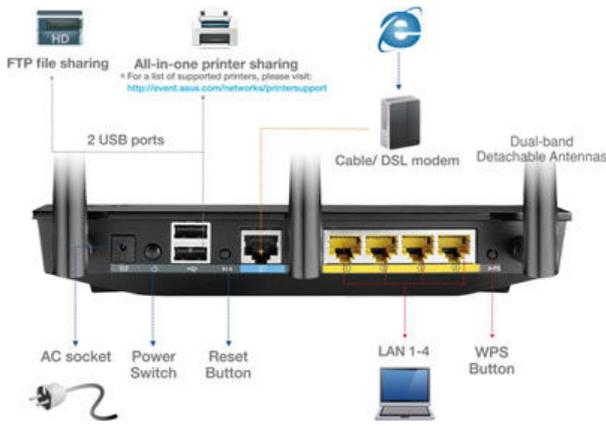
3-Step Easy Setup Through Your Pad, Smartphone, or PC

With the **RT-AC66U**, setup is a breeze. Simply power and connect the router and open a browser on a Wi-Fi-enabled device like a notebook or pad. You will then be taken to a setup page with a prompt to enter the ID/password from your internet provider, and that's it! Setting up your network is easier than ever.



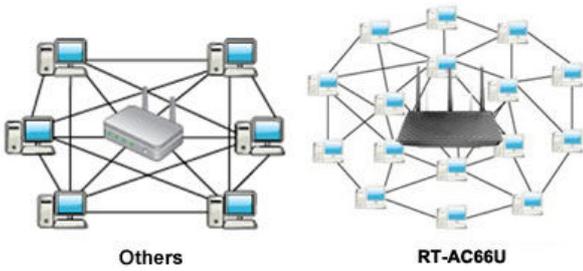
Get Online in 30 Seconds

Smart auto-detection design makes it possible for you to go from first plugging in the **RT-AC66U** to setup completion in 30 seconds! Compared to the lengthy installs and hassles of other routers, this development from ASUS offers a true wonder of ease of use, and puts fast networking speeds within your reach quicker than ever before.



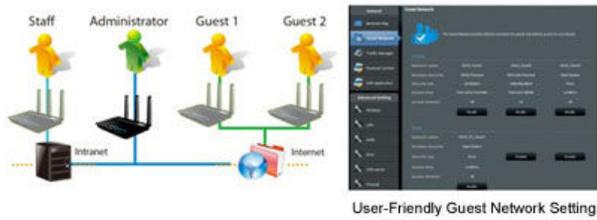
Powerful Online Multitasking with 300,000 Data Sessions

Support for a massive data pipeline of up to 300,000 data sessions means the **RT-AC66U** has around 20 times the networking capacity of conventional routers for exceptionally smooth performance.



Dedicated Wi-Fi for Your Visitors

Share your internet connection with your guests with no need to share your personal password or network resources. ASUS Guest Network supports up to three separate guest networks, each with its own usage limits and password. Guests cannot access your primary network or any other connected devices.



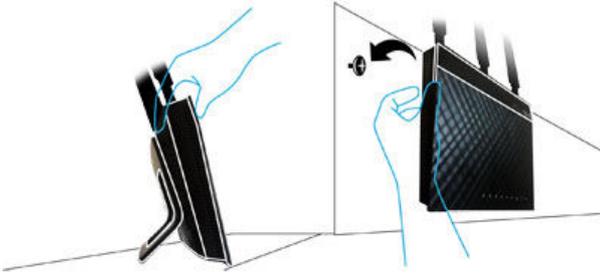
VPN Server Enabled

Easily set up a VPN server to browse the web and access data with MPPE encryption— wherever you are.



Flexible Installation with Versatile Design

Being wall-mountable, the **RT-AC66U** fits nearly in any space in the home or office.



Keep Up to Date!

Remember to always keep your device's firmware up to date so you can benefit from the very latest service and security enhancements — and get exciting new features! [Learn more about updating new firmware.](#)

* ASUS received the highest numerical score among wireless routers in the J.D. Power 2015 Wireless Router Satisfaction Report, based on 2,716 responses from 8 companies measuring satisfaction with wireless routers surveyed November-December 2015. Your experiences may vary. Visit jdpower.com

Discover more wireless AC solutions

Network Standard

IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.3u, IPv4, IPv6

Product Segment

AC1750 superior AC performance : 450+1300 Mbps

Coverage

Large homes

Data Rate

802.11n : up to 450 Mbps

802.11ac : up to 1300 Mbps

Antenna

Detachable antenna x 3

Transmit/Receive

MIMO technology

2.4 GHz 3 x 3

5 GHz 3 x 3

Memory

128 MB Flash

256 MB RAM

Operating Frequency

2.4 GHz / 5 GHz

Encryption

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

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, Virtual Server, DMZ, Universal Repeater, System Event Log

WAN Connection Type

Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP

Dual Link support

Multicast Proxy support

Multicast Rate Setting support

Ports

RJ45 for 10/100/1000 BaseT for WAN x 1, RJ45 for 10/100/1000 BaseT for LAN x 4, Support Ethernet and 802.3 with max. bit rate 10/100/1000 Mbps and auto cross-over function(MDI-X)

USB 2.0 x 2

Button

WPS Button, Reset Button, Power Button

Features

Airtime Fairness

SmartQoS

- WMM
- User definable rules for IP/MAC/Port
- Upload and download bandwidth management
- ACK/SYN/FIN/RST/ICMP with highest priority

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

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

LED Indicator

Power x 1

LAN x 4

WAN x 1

Wi-Fi x 2
USB x 1

Power Supply

AC Input : 110V~240V(50~60Hz)
DC Output : 19 V with max. 1.58 A current

OS Support

Windows® 10 86x64
Windows® 8.1 86x64
Windows® 8 , 32bit/64bit
Windows® 7 , 32bit/64bit
Windows® Vista , 32bit/64bit
Windows® XP , 32bit/64bit
Mac OS X
Linux

Dimensions

207 x 148.8 x 35.5 inch (WxDxH) ~ cm

Weight

Package Content

RT-AC66U Dual Band 3x3 802.11AC Gigabit Router
Router stand
RJ-45 cable
Support CD (User manual and utility software)
Power adapter
Quick start guide
Warranty card

Operation mode

Wireless router mode
Range extender mode
Access point mode
Media bridge mode