

RT-AC66U B1

[asus.com/Networking/IoT-Servers/WiFi-Routers/ASUS-WiFi-Routers/RT-AC66U-B1/techspec](https://www.asus.com/Networking/IoT-Servers/WiFi-Routers/ASUS-WiFi-Routers/RT-AC66U-B1/techspec)

Model Name

RT-AC66U B1

Network Standard

IEEE 802.11a

IEEE 802.11b

IEEE 802.11g

WiFi 4 (802.11n)

WiFi 5 (802.11ac)

IPv4

IPv6

AX technology

No

Data Rate

802.11a : up to 54 Mbps

802.11b : up to 11 Mbps

802.11g : up to 54 Mbps

WiFi 4 (802.11n) : up to 450 Mbps

WiFi 5 (802.11ac) : up to 1300 Mbps

Antenna

External antenna x 3

Transmit/Receive

MIMO technology

2.4GHz 3x3

5GHz 3x3

Operating Frequency

2.4G Hz / 5 GHz

Ports

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

Button

WPS Button, Reset Button, Power Button

LED Indicator

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

Power Supply

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

Package content

RT-AC66U Dual Band 3x3 802.11AC Gigabit Router
RJ-45 cable
Power adapter
Quick start guide
Warranty card

Product Weight (g)

660 g

AiMesh

AiMesh : Yes
Primary AiMesh router : Yes
AiMesh node : Yes

Router APP

ASUS Router APP : Yes

Game

Game Boost/acceleration : No
WTFast : No

Alexa

Support Alexa skill : No

IFTTT

Support IFTTT : No

AiProtection

AiProtection : AiProtection Pro

Router Security Assessment : Yes

Malicious site blocking : Yes

Two-Way IPS : Yes

Infected Device Prevention and Blocking ; Yes

Parental Control

Parental Control : Yes

Parental Control Customized Internet schedule : Yes

Traffic Control

Adaptive QoS : Yes

Bandwidth Monitor : Yes

Bandwidth limiter : Yes

Maximum Bandwidth limiter rule : 32

Traditional QoS : Yes

Maximum Traditional QoS rule : 32

Traffic Monitor : Yes

Real-time traffic monitor : Yes

Wired Traffic Monitor : Yes

Wireless Traffic Monitor : Yes

Traffic Analyzer : Yes

Traffic analysis period : Daily, Weekly, Monthly

Website history : Yes

Wireless

IPv6 : Yes

MU-MIMO : No

Wi-Fi Encryption : Open system, WPA/WPA2-Personal, WPA/WPA2-Enterprise

UTF-8 SSID : Yes

Guest Network : Yes

Maximum Guest Network rule : 2.4GHz x3, 5GHz x3

Guest Network Encryption : Open system, WPA/WPA2-Personal

WPS : Yes

Wi-Fi MAC address filter : Yes
Maximum MAC filters : 64
Wireless scheduler : Yes
Airtime fairness : Yes
RADIUS Server : Yes
Universal beamforming : Yes
Explicit beamforming : Yes
IGMP snooping : Yes

WAN

Internet connection Type : PPPoE, PPTP, L2TP, Automatic IP, Static IP
Dual WAN : Yes
WAN Aggregation : No
3G/4G LTE dongle : Yes
Android tethering : Yes
Port forwarding : Yes
Maximum port forwarding rule : 64
Port triggering : Yes
Maximum port triggering rule : 32
DMZ : Yes
DDNS : Yes
NAT Passthrough : PPTP, L2TP, IPSec, RTSP, H.323, SIP Passthrough, PPPoE relay

LAN

DHCP Server : Yes
IPTV : Yes
LAN Link Aggregation : No
Manually assign IP address : Yes
Maximum manually assign IP address rule : 64

VPN

VPN Client L2PT : Yes
VPN Client OVPN : Yes
VPN Client PPTP : Yes
VPN Server IPSec : No
VPN Server OVPN : Yes
VPN Server PPTP : Yes
VPN Fusion : No

USB application

File System : HFS+, NTFS, vFAT, ext2, ext3, ext4
3G/4G LTE dongle : Yes
HDD hibernation : Yes
Safely Remove disk : Yes
AiCloud : Yes
Download master : Yes
AiDisk : Yes
Media Server : Yes
Time Machine : Yes
Samba Server : Yes
FTP Server : Yes
Shared Folder privileges : Yes

Administration

Operating mode : Accesspoint, AiMeshnode, Mediabridge, Repeater, Router
Operating system : ASUSWRT
Free OS upgrade : Yes
Firewall : Yes
Maximum Firewall keyword filter : 64
Maximum Firewall network service filter : 32
Maximum Firewall URL filter : 64
Wake on LAN (WOL) : Yes
SSH : Yes
Configuration backup and restore : Yes
Diagnosis tools : Yes
Feedback system : Yes
System log : Yes

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- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
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- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.
- The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

- Actual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.
- Quoted network speeds and bandwidth based on current IEEE 802.11ac specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions. Connected devices must be 802.11ac-compatible for best results.
- WPA/WPA2 enterprise is only available on single router, is not available under AiMesh mode.