

# DSL-AC55U

## Dual Band 802.11ac Wi-Fi ADSL/VDSL Modem Router

- Concurrent Dual Band: 867Mbps on 5GHz and 300Mbps on 2.4GHz
- Two WAN ports for DSL and Ethernet offer double the choice – wireless router or DSL modem
- Compatible with VDSL2, ADSL2/2+, ADSL, fiber and cable services for complete future-proofing
- Gigabit Ethernet ports for fast and reliable internet performance
- Multi-purpose USB port supports file sharing, printer sharing, media streaming and 3G/4G support
- VDSL/ADSL WAN multi service for IPTV support
- PPTP/Open VPN server and VPN client support
- Download Master and enhanced media server let you download and stream anywhere
- ASUS AiCloud lets you access, sync, share and stream data anywhere



### Future-proofed versatility with 802.11ac wireless speeds

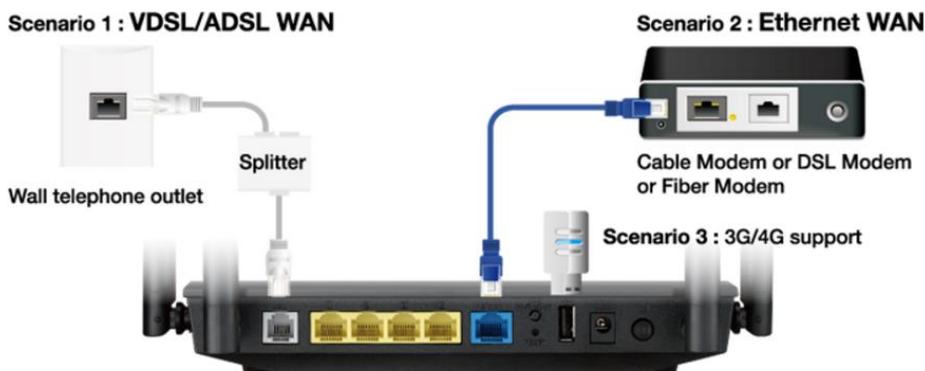
The ASUS DSL-AC55U is a ADSL/VDSL 802.11ac Wi-Fi modem router, with combined dual-band data rates of up to 1167Mbps. On the 5GHz band, 802.11ac gives 867Mbps wireless data rates, while 2.4 GHz 802.11n performance supports 300Mbps. Compatible with ADSL2/2+, ADSL, VDSL2, fiber and cable services, the top specification completes future-proofing.

ASUS AiRadar enhances the Wi-Fi stability and improves coverage up to 150%\*. Most importantly, the universal beamforming not only works on 802.11ac clients, but also 802.11a/b/g/n clients. Equipped with powerful hardware NAT acceleration and built-in Gigabit Ethernet, the DSL-AC55U gives you full Gigabit internet performance, with a WAN-to-LAN throughput performance of over 900 Mbps.

USB 2.0 port allows the DSL-AC55U to share printer and scanner over a network, and it can also operate as high-speed NAS (Network Attached Storage) device when external storage is connected.

### Total flexibility with DSL, Ethernet or 3G/4G LTE Internet connections

DSL-AC55U has multiple ways to connect to the Internet, with a choice of DSL, Ethernet or 3G/4G LTE\*. You can use DSL-AC55U as a DSL modem Wi-Fi router or a standalone Wi-Fi router according to your needs. And with the ability to switch instantly between connections if one fails (and switch back again when it's fixed) or combine multiple connections for more bandwidth, it's perfect for reliable, always-on internet connectivity. \*Requires compatible USB dongle



## 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.



## ASUS Router App

### Control Your Network Anywhere.

ASUS Router App is built from the ground-up to be both intuitive and robust, allowing you to setup your router, manage network traffic, diagnose connection issues and even update firmware, all without needing to boot up a PC.



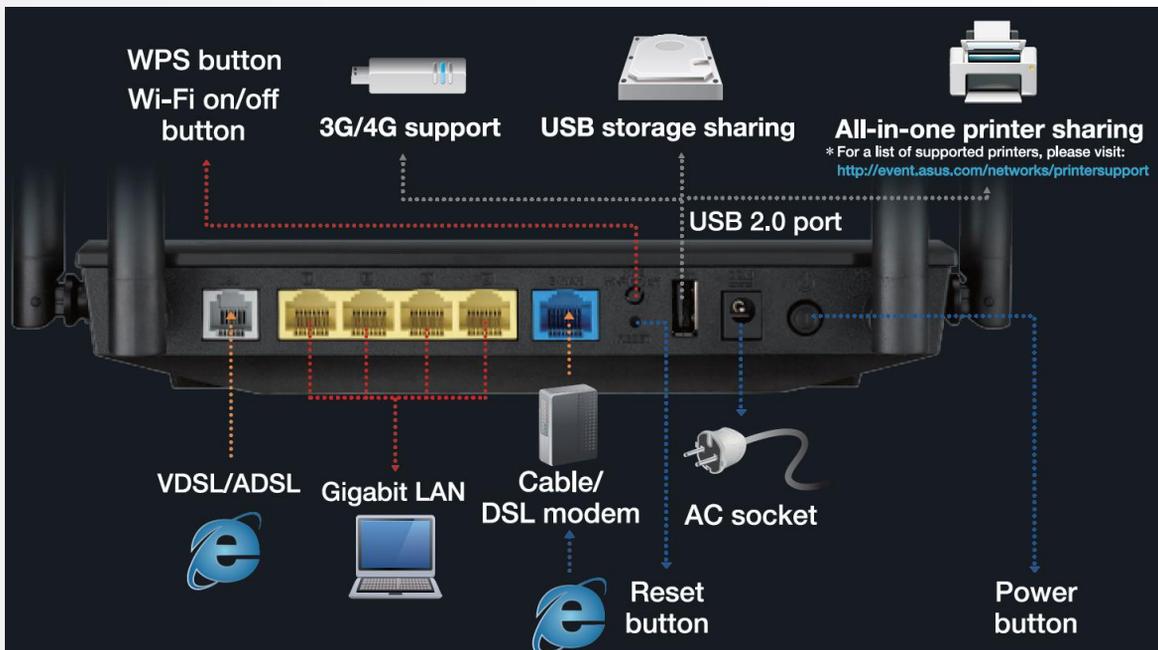
## What's Inside the Box

- DSL-AC55U VDSL/ADSL Wireless Modem Router
- RJ-45 cable
- DSL/phone cable (RJ-11 cable)
- Splitter (varies with region)
- Power adapter
- Warranty card
- Quick start guide
- Support CD (user manual and utility)

## Specifications

- Wireless Type: 802.11 ac/n/g/a/b
- Wireless Speed: Up to 1167Mbps
- Wireless Frequency: Dual band (2.4 & Dual 5 GHz)
- Wired Connectivity: 4x LAN, 1x WAN gigabit Ethernet ports, 1x VDSL/ADSL RJ11 port
- USB Port(s): USB 2.0 x 1

## Connectivity



## Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.3, IEEE 802.3u, IEEE 802.11i, IEEE 802.11e, IPv4, IPv6
Product Segment	AC1200 enhanced AC performance : 300+867 Mbps
Wi-Fi 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 300 Mbps 802.11ac : up to 867 Mbps
xDSL Data Rate	<ul style="list-style-type: none"> <li>• VDSL2/ADSL2+/ADSL2/ADSL multimode</li> <li>• Support Annex A/B/I/J/L/M</li> <li>• Support all VDSL2 profiles -8a, 8b, 8c, 8d, 12a, 12b, 17a and 30a</li> <li>• VDSL2 interface compliance with ITU-T G.993.2</li> <li>• ITU-T G.992.1 (G.dmt), Annex A, and B Compliant</li> <li>• ITU-T G.992.2 (G.lite), Annex A, and B Compliant</li> <li>• ANSI T1.413 Compliant</li> <li>• ITU-T G.992.3 (ADSL2) Compliant, Annex A, B, L, and M</li> <li>• ITU-T G.992.5 (ADSL2+) Compliant, Supporting Annex A, B, and M</li> <li>• ITU-T G.993.2 Compliant, Annex A, B</li> <li>• ITU-T G.993.5 (Vectoring)</li> <li>• ITU-T G.998.4 (G.inp) Improved impulse noise protection</li> <li>• ATM and PTM (dual-priority)</li> </ul> <p>VDSL2 Upstream: 150Mbps, Downstream: 200Mbps ADSL2+ Upstream: 3.3Mbps, Downstream: 24Mbps ADSL2 Upstream: 3.5Mbps, Downstream: 12Mbps</p>
Features	<ul style="list-style-type: none"> <li>• DHCP server, firewall/NAT, DynDNS</li> <li>• VPN server(PPTP/OpenVPN)</li> <li>• VPN client(PPTP/L2TP/OpenVPN)</li> <li>• Dual WAN Fail over/Fail back/Load balance</li> <li>• Traffic monitor/Quality of Service (QoS)</li> <li>• DSL spectrum</li> <li>• IPTV(VDSL/ADSL WAN)</li> <li>• DSL feedback mechanism</li> <li>• Save/Resotre configuration file</li> <li>• WiFi Bandwidth Limiter</li> </ul>
Antenna	External antenna x 4
LED Indicator	Power, Internet, LAN x 4, xDSL, E-WAN, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi, USB x 1
Button	WPS Button, Reset Button, Power Button, Wireless on/off Button
Ports	1 x RJ11 for xDSL 4 x RJ45 10/100/Gigabits BaseT for LAN 1 x RJ45 10/100/Gigabits BaseT for WAN
USB Ports	USB 2.0 x 1
USB Applications	Printer Server FTP Server Download Master 3G/4G sharing
Router Special Features	3G/4G data sharing, AiCloud, Printer server, Download Master, AiDisk, Multiple SSIDs, Parental Control

Operating Frequency	2.4GHz 5GHz
Operation Channel	13 Europe (ETSI)
Memory	128MB NAND flash/128MB DDR3
Output Power	ac mode : 17 dBm b mode : 20.5 dBm g mode : 18.5 dBm n mode : 17 dBm a/n mode : 19 dBm
Security	64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK
Management	Web-based GUI configuration Firmware upgraded, configuration data uploaded and downloaded via Web-based GUI UPnP IGD 1.0 Auto VPI/VCI detection Configuration backup and restore Diagnostics Log & Trace function
Utilities	- Download master: <ul style="list-style-type: none"> <li>· Support BT, NZB, HTTP, ED2K</li> <li>· Support encryption, DHT, PEX and magnet link</li> <li>· Upload and download bandwidth control</li> <li>· Download scheduling</li> </ul> - Media server: <ul style="list-style-type: none"> <li>· Image: JPEG</li> <li>· Audio: mp3, wma, wav, pcm, mp4, lpcm, ogg</li> <li>· Video: asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov</li> </ul> - Printer Server: <ul style="list-style-type: none"> <li>· Multifunctional printer support(Windows only)</li> <li>· LPR protocol support</li> </ul>
VPN Support	IPSec Pass-Through PPTP Pass-Through L2TP Pass-Through PPTP server OpenVPN server PPTP client L2TP client OpenVPN client
Power Adapter	AC Input : 110 ~240 V(50~60HZ) DC Output : 12 V/1.5 A Power Consumption : 18 W Max.
Certificates	CE, Telepermit, RCM
Dimensions	20.7 x 14.9 x 3.6 cm (WxDxH) (Without Bezel)
Weight	360 g (Device Only)
Package Content	<ul style="list-style-type: none"> <li>• DSL-AC55U Dual-band 802.11ac VDSL/ADSL Modem Router</li> <li>• RJ-45 cable</li> <li>• RJ-11 cable</li> <li>• Support CD(User manual and utility)</li> <li>• Power adapter</li> <li>• Warranty card</li> <li>• Quick start guide</li> <li>• Splitter (varies with regions)</li> </ul>