

ASUS DSL-AX82U wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) 5G Black

Brand : ASUS

Product code: 90IG05Q0-BM9100

Product name : DSL-AX82U

- New-generation WiFi 6 – Enjoy ultrafast speeds up to 5400 Mbps with the latest WiFi 6 (802.11ax) and 160MHz channels
 - DSL, Ethernet and Mobile Internet – DSL-AX82U has multiple ways to connect to the internet with a DSL port, Ethernet port, or even an USB port for mobile broadband connection
 - Choose your lighting vibe – Feature ASUS Aura RGB lighting effects that you can choose from a variety of lighting effects and customize lighting to align with specific modes
 - ASUS AiMesh support – Create a flexible, seamless whole-home mesh network with AiMesh-compatible routers
 - Commercial-grade home network security – Lifetime free ASUS AiProtection Pro, powered by Trend Micro™, with WPA3 and advanced Parental Controls to protect your home
- 5400 Mbps, DSL, 802.11a/b/g/n/ac/ax, 2.4/5 GHz, 1G RJ-45, USB 3.2, 572g



WAN connection		Security	
Ethernet WAN *	✓	Security algorithms	WPS
DSL WAN *	✓	Firewall	✓
SIM card slot *	✗	Guest access	✓
3G/4G USB modem compatibility *	✗	Parental control	✓
WAN connection type	RJ-45	Filtering	✓
Wireless LAN features		MAC address filtering	✓
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	DMZ support	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Design	
WLAN data transfer rate (max) *	5400 Mbit/s	Product colour	Black
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Indication light	✓
Modulation	256-QAM, 1024-QAM	LED indicators	DSL, Power, WAN, WPS
Network		On/off switch	✓
Ethernet LAN *	✓	Product type *	Tabletop router
Ethernet LAN interface type *	Gigabit Ethernet	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Cables included	LAN (RJ-45), Phone (RJ-11)
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11e, IEEE 802.11g, IEEE 802.11i, IEEE 802.11n	Warranty card	✓
Port forwarding	✓	Quick start guide	✓
Port triggering	✓	Antenna	
Dynamic DNS (DDNS)	✓	Antenna design *	External
VPN server	Server IPSec, Server OVPN, Server PPTP	Antennas quantity	4
VPN Passthrough	✓	Detachable antenna(s)	✓
VPN support	- VPN Client L2PT - VPN Client OVPN - VPN Client PPTP - VPN Server IPSec - VPN Server OVPN - VPN Server PPTP	Features	
Mobile network		Works with Amazon Alexa	✓
Mobile network generation	5G	Power	
3G	✗	Power source type *	DC
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Storage temperature (T-T)	0 - 70 °C
		Operating relative humidity (H-H)	50 - 90%
		Storage relative humidity (H-H)	20 - 90%

Mobile network		System requirements	
4G	✗	Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1
5G	✗		
DSL features		Mac operating systems supported	Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion
ADSL2	✓		
ADSL2+	✓	Weight & dimensions	
VDSL2	✓	Width	276 mm
Ports & interfaces		Depth	184 mm
Ethernet LAN (RJ-45) ports *	4	Height	65 mm
USB port *	✓	Weight	572 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Packaging data	
RJ-11 ports quantity	1	Package width	365 mm
DC-in jack	✓	Package depth	317 mm
Management features		Package height	99 mm
Web-based management	✓	Package weight	1.7 kg
Quality of Service (QoS) support	✓	Logistics data	
Reset button	✓	Harmonized System (HS) code	85176990
WPS push button	✓		



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