



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

Brand : ASUS

Product code: 90IG05G0-MU2R10

Product name : RT-AX82U



- New-generation WiFi 6 - Enjoy ultrafast speeds up to 5400 Mbps with the latest WiFi 6 (802.11ax) and 160MHz channels
 - Mobile Game Mode - Minimize lag and latency for mobile gaming with just a tap on the ASUS Router app
 - 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, 802.11a/b/g/n/ac/ax, 2.4/5 GHz, 1G RJ-45, USB 3.2, 275.5x184.4x65(165) mm

WAN connection		Protocols	
Ethernet WAN *	✓	Universal Plug and Play (UPnP)	✓
DSL WAN *	✗	Design	
SIM card slot *	✗	Product colour	Black
WAN connection type	RJ-45	Indication light	✓
Wireless LAN features		LED indicators	Power, WAN, WLAN
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	On/off switch	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Product type *	Tabletop router
WLAN data transfer rate (max) *	5400 Mbit/s	Packaging content	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Cables included	LAN (RJ-45)
Modulation	1024-QAM	AC adapter included	✓
Network		Warranty card	✓
Ethernet LAN *	✓	Quick start guide	✓
Ethernet LAN interface type *	Gigabit Ethernet	Antenna	
Ethernet LAN data rates	10,100,1000 Mbit/s	Antenna design *	External
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3ad	Antennas quantity	4
Port forwarding	✓	Features	
Port triggering	✓	Built-in processor	✓
Dynamic DNS (DDNS)	✓	Processor frequency	1500 MHz
VPN server	PPTP Server, OpenVPN Server, IPsec server	Processor cores	3
VPN Passthrough	✓	Internal memory	512 MB
VPN support	IPsec Pass-Through PPTP Pass-Through L2TP Pass-Through IPsec server PPTP server OpenVPN server PPTP client L2TP client OpenVPN client	Flash memory	256 MB
Mobile network		Firmware upgradeable	✓
3G	✗	Power	
4G	✗	Power source type *	AC
		AC input voltage	110 - 240 V
		AC input frequency	50 - 60 Hz
		Output voltage	19 V
		Output current	1.75 A
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C

Ports & interfaces		Operational conditions	
Ethernet LAN (RJ-45) ports *	4	Storage temperature (T-T)	0 - 70 °C
USB port *	✓	Operating relative humidity (H-H)	50 - 90%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Storage relative humidity (H-H)	20 - 90%
Memory card slot(s)	✗	System requirements	
DC-in jack	✓	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Management 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
Web-based management	✓	Weight & dimensions	
Quality of Service (QoS) support	✓	Width	275.5 mm
Reset button	✓	Depth	184.4 mm
WPS push button	✓	Height	165 mm
Security		Weight	740 g
Security algorithms	WPA-Enterprise, WPA2-PSK, WPA3-PSK, WPS	Logistics data	
Firewall	✓	Harmonized System (HS) code	85176990
Firewall security	SPI, DoS		
Guest access	✓		
Parental control	✓		
Filtering	✓		
URL filtering	✓		
DMZ support	✓		



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