

## ASUS RT-BE82U BE6500 wireless router 2.5 Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) Black



**Brand :** ASUS

**Product code:** 90IG0990-M09B00

**Product name :** RT-BE82U BE6500

WiFi 7 (802.11be), 2.4/5GHz, 2.0 GHz quad-core processor, 256MB Flash, 1GB RAM, USB 3.2 Gen 1, 100 - 240V, 50 - 60Hz, 502 g

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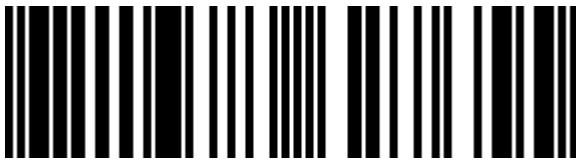
**ASUS WiFi 7 Dual-Band Extendable Router, 4K-QAM, MLO, Five 2.5GbE ports, Commercial-Grade Network Security, Parental Control, IoT network, Kid's network and VPN network**

### Worry-Free Smart Home WiFi 7

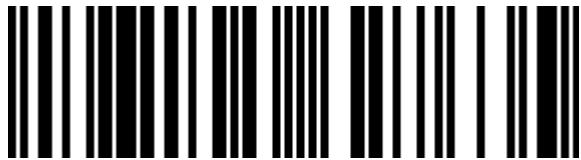
Elevate your smart home with blazing-fast dual-band Wi-Fi 7 speeds of up to 6500 Mbps and boosted coverage with AI-boosted Smart AiMesh technology. With next-gen ASUS Network Security and a suite of advanced network technologies such as IoT Network, the RT-BE82U safeguard your network end-to-end, 24/7.

<b>WAN connection</b>		<b>Security</b>	
Ethernet WAN *	✓	Schedule access	✓
DSL WAN *	✗	Parental control	✓
SIM card slot *	✗	Filtering	✓
3G/4G USB modem compatibility *	✓	MAC address filtering	✓
WAN connection type	RJ-45	MAC address table	64 entries
<b>Wireless LAN features</b>		<b>System event log</b>	
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	DMZ support	✓
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Network address translation (NAT)	✓
WLAN data transfer rate (max) *	6500 Mbit/s	NAT functionality	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)	NAT Passthrough : PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through, H.323 Pass-Through, SIP Pass-Through, PPPoE relay	
WLAN data transfer rate (first band)	688 Mbit/s	<b>Protocols</b>	
WLAN data transfer rate (second band)	5764 Mbit/s	DHCP server	✓
Modulation	4096-QAM, OFDMA	Supported network protocols	PPPoE, PPTP, L2TP, Automatic IP, Static IP
<b>Network</b>			
Ethernet LAN *	✓	<b>Design</b>	
Ethernet LAN interface type *	2.5 Gigabit Ethernet	Product colour	Black
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	LED indicators	LAN
Cabling technology	10/100/1000Base-T(X)	Product type *	Tabletop router
Port forwarding	✓	<b>Packaging content</b>	
Port triggering	✓	Cables included	DC, LAN (RJ-45)
Dynamic DNS (DDNS)	✓	Antenna included	✓
Number of guest networks (2.4 GHz)	3	Warranty card	✓
Number of guest networks (5 GHz)	3	Quick start guide	✓
VPN server	✓	<b>Antenna</b>	
VPN support	Instant Guard VPN Client L2TP VPN Client Open VPN VPN Client PPTP VPN Client WireGuard VPN Server IPSec VPN Server Open VPN VPN Server PPTP VPN Server WireGuard	Antenna design *	External
		Antennas quantity	4
<b>Features</b>			
		Built-in processor	✓
		Processor frequency	2000 MHz

Ports & interfaces		Features	
Ethernet LAN (RJ-45) ports *	4	Processor cores	4
USB port *	✓	Internal memory	1024 MB
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Flash memory	256 MB
DC-in jack	✓	Safety	✓
Management features		Power	
Bandwidth control	✓	Power source type *	DC
Quality of Service (QoS) support	✓	AC input voltage	100 - 240 V
Wake-on-LAN ready	✓	AC input frequency	50/60 Hz
Reset button	✓	Output voltage	12 V
WPS push button	✓	Output current	3 A
MU-MIMO technology	✓	System requirements	
MIMO	✓	Mobile operating systems supported: Android, iOS	
Security		Weight & dimensions	
Security algorithms	SSH, SSID, WPA, WPA2, WPA2-Enterprise, WPA3-Personal, WPS	Width	238 mm
Firewall	✓	Depth	147 mm
Guest access	✓	Height	97 mm
		Weight	502 g
		Packaging data	
		Package width	288 mm
		Package depth	195 mm
		Package height	111 mm
		Package weight	1.13 kg
		Package type	Box



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### Catalog Object Cloud



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