

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



**Brand :** ASUS

**Product code:** 90IG0920-M09C00

**Product name :** TUF Gaming BE6500 (TUF-BE6500)

TUF Gaming BE6500 Dual Band WiFi 7 (802.11be) Extendable Gaming Router, Quad 2.5GbE ports, 3-step Port Forwarding, Smart Home Master, AiMesh support, and AiProtection Pro for Network Security

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Inspired by the unique design and power wings of drones, the TUF Gaming BE6500 combines a sleek appearance with advanced cooling efficiency. Its hollow design on both sides enhances heat dissipation for stable all-day operation, enhancing your internet and gaming experience.

### Swift as Drone, Beyond Simple Extension

ASUS TUF Gaming BE6500 combines WiFi 7 and ASUS AiMesh to offer more than just extended coverage. It provides a stable, secure, and feature-rich network under one SSID, while working with compatible ASUS routers for easy management, advanced security, and smart home integration across your entire network.

<b>WAN connection</b>		<b>Security</b>	
Ethernet WAN *	✓	Parental control	✓
SIM card slot *	✗	DMZ support	✓
3G/4G USB modem compatibility *	✓	<b>Protocols</b>	
WAN connection type	RJ-45	DHCP server	✓
<b>Wireless LAN features</b>		<b>Design</b>	
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	Product colour	Black
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	LED indicators	LAN, Power, WAN
WLAN data transfer rate (max) *	6500 Mbit/s	On/off switch	✓
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)	Product type *	Tabletop router
WLAN data transfer rate (first band)	688 Mbit/s	<b>Packaging content</b>	
WLAN data transfer rate (second band)	5764 Mbit/s	Cables included	LAN (RJ-45)
Modulation	4096-QAM, OFDMA	AC adapter included	✓
<b>Network</b>		Warranty card	✓
Ethernet LAN *	✓	Quick start guide	✓
Ethernet LAN interface type *	2.5 Gigabit Ethernet	<b>Antenna</b>	
Port forwarding	✓	Antenna design *	External
Dynamic DNS (DDNS)	✓	Antennas quantity	6
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 VPN Fusion Support Surfshark Support Nord VPN	<b>Features</b>	
<b>Ports &amp; interfaces</b>		Built-in processor	✓
Ethernet LAN (RJ-45) ports *	4	Processor frequency	1500 MHz
USB port *	✓	Processor cores	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Internal memory	1000 MB
<b>Management features</b>		Flash memory	256 MB
Quality of Service (QoS) support	✓	<b>Power</b>	
Wake-on-LAN ready	✓	Power source type *	AC
Reset button	✓	AC input voltage	110 - 240 V
WPS push button	✓	AC input frequency	50/60 Hz
		Output voltage	12 V
		Output current	2.5 A
		<b>Weight &amp; dimensions</b>	
		Width	304 mm
		Depth	174 mm
		Height	214 mm

Management features		Weight & dimensions	
MU-MIMO technology	✓	Weight	772 g
Security		Packaging data	
Security algorithms	WPA-Enterprise, WPA-PSK2, WPA2-Enterprise, WPA2-Personal, WPA3-Enterprise, WPA3-Personal, WPS	Package width	473 mm
Firewall	✓	Package depth	281 mm
Firewall security	Maximum Firewall Keyword Filter : 64 • Maximum Firewall Network Service Filter : 32 • Maximum Firewall URL Filter : 64	Package height	82 mm
		Package weight	1.61 kg
		Package type	Box
		Number of products included	1 pc(s)



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