

**Wireless Router**  
**ASUS Router**  
**6500 Mbps Mesh**  
**Wi-Fi 6 Wi-Fi 7**  
**IEEE 802.11a**  
**IEEE 802.11b**  
**IEEE 802.11g**  
**IEEE 802.11ac**  
**IEEE 802.11ax**  
**USB 3.2**  
**3x2.5GbE**  
**1x2.5GbE**  
**Number of**  
**antennas 6**  
**TUFGAMINGBE6500**



Model: TUF GAMING BE6500

Manufacturer: ASUS

EAN: 4711387546321

Product Code: 193922

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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# R3,883

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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.

- 4K-QAM & Multi-Link Operation – WiFi 7 dual-band router delivers speeds up to 6500 Mbps. 4096-QAM boosts speed by 1.2X, and Multi-Link Operation (MLO) enhances stability and efficiency by connecting multiple bands simultaneously
- Quad 2.5GbE Ports – 2.5GbE ports prioritize traffic, optimizing wired internet connectivity for maximum performance
- One Router. All Game Types – Features Mobile Game Mode prioritization, a dedicated Gaming Port for peak performance, and simplified Open NAT for easy multiplayer setups
- Comprehensive Security System – Equipped with ASUS latest security features, ensuring robust protection against network threats
- Tested Durability and Stable Operation – Built to endure rigorous testing for reliable and stable performance, making it highly durable

Summary: ASUS TUF Gaming BE6500 (TUF-BE6500). WAN connection type: RJ-45. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 7 (802.11be), WLAN data transfer rate (max): 6500 Mbit/s. Ethernet LAN interface type: 2.5 Gigabit Ethernet, VPN support: Instant Guard VPN Client L2TP VPN Client Open VPN VPN Client PPTP VPN Client WireGuard VPN Server.... Security algorithms: WPA-Enterprise, WPA-PSK2, WPA2-Enterprise, WPA2-Personal, WPA3-Enterprise, WPA3-Personal, WPS, Firewall security: Maximum Firewall Keyword Filter : 64 • Maximum Firewall Network Service

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Filter : 32 • Maximum.... Product type: Tabletop router, Product colour: Black, LED indicators: LAN, Power, WAN | Vendor Homepage: <https://www.asus.com/au/networking-iot-servers/wifi-routers/asus-gaming-routers/tuf-gaming-be6500/> | Modulation: 4096-QAM/OFDMA | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi band: Dual-band (2.4 GHz / 5 GHz) | 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) | WLAN data transfer rate (first band): 688 | WLAN data transfer rate (max): 6500 | WLAN data transfer rate (second band): 5764 | 3G/4G USB modem compatibility: Yes | Ethernet WAN: Yes | SIM card slot: No | WAN connection type: RJ-45 | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN interface type: 2.5 Gigabit Ethernet | Port forwarding: Yes | 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 | Ethernet LAN (RJ-45) ports: 4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB port: Yes | MU-MIMO technology: Yes | Quality of Service (QoS) support: Yes | Reset button: Yes | Wake-on-LAN ready: Yes | WPS push button: Yes | DMZ support: Yes | Firewall: Yes | Firewall security: Maximum Firewall Keyword Filter : 64 Maximum Firewall Network Service Filter : 32 Maximum Firewall URL Filter : 64 | Parental control: Yes | Security algorithms: WPA2-Enterprise/WPA2-Personal/WPA3-Enterprise/WPA3-Personal/WPA-Enterprise/WPA-PSK2/WPS | DHCP server: Yes | LED indicators: LAN,Power,WAN | On/off switch: Yes | Product colour: Black | Product type: Tabletop router | AC adapter included: Yes | Cables included: LAN (RJ-45) | Quick start guide: Yes | Warranty card: Yes | Antenna design: External | Antennas quantity: 6 | Built-in processor: Yes | Flash memory: 256 | Internal memory: 1000 | Processor cores: 4 | Processor frequency: 1500 | AC input frequency: 50/60 | AC input voltage: 110 - 240 | Output current: 2.5 | Output voltage: 12 | Power source type: AC | Depth: 174 | Height: 214 | Weight: 772 | Width: 304 | Number of products included: 1 | Package depth: 281 | Package height: 82 | Package type: Box | Package weight: 1610 | Package width: 473 | Model name: TUF Gaming BE6500 (TUF-BE6500) | Units per Shipping Box: 7 | Unit Calculated Volume: 0.01312 | Unit Calculated Weight: 1.61

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