

## **Wireless Router ASUS Wireless Router 6500 Mbps Mesh LAN \ WAN ports 1 Number of antennas 4 RT- BE82U**



Model: RT-BE82U

Manufacturer: ASUS

EAN: 4711387627655

Product Code: 193918

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## **R4,046**

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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

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suite of advanced network technologies such as IoT Network, the RT-BE82U safeguard your network end-to-end, 24/7.

- Ultrafast WiFi 7 - WiFi 7 (802.11be) dual-band extendable router boosts speed up to 6500 Mbps, with 4096-QAM increasing a single frequency band's transmission speed by 1.2 times
- Five 2.5GbE Ports - 2.5GbE ports prioritize traffic, optimizing wired internet connectivity for maximum performance
- Hassle-free AiMesh Extendable Network - AiMesh extendable routers enable whole home seamless roaming with rich, advanced features
- Multi-link Operation - Link to multiple bands at the same time to ensure stable internet connections and efficient data transfers
- Commercial-Grade Network Security - AiProtection powered by Trend Micro™, plus a one-tap security scan and Safe Browsing

Summary: ASUS RT-BE82U 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, Ethernet LAN data rates: 10,100,1000,2500 Mbit/s, Cabling technology: 10/100/1000Base-T(X). Security algorithms: SSH, SSID, WPA, WPA2, WPA2-Enterprise, WPA3-Personal, WPS, MAC address table: 64 entries, NAT functionality: NAT Passthrough : PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through,.... Supported network protocols: PPPoE, PPTP, L2TP, Automatic IP, Static IP | Vendor Homepage:

<https://www.asus.com/networking-iot-servers/wifi-routers/asus-wifi-routers/rt-be82u/> | 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 | DSL WAN: No | Ethernet WAN: Yes | SIM card slot: No | WAN connection type: RJ-45 | Cabling technology: 10/100/1000Base-T(X) | Dynamic DNS (DDNS): Yes | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000/2500 | Ethernet LAN interface type: 2.5 Gigabit Ethernet | Number of guest networks (2.4 GHz): 3 | Number of guest networks (5 GHz): 3 | Port forwarding: Yes | Port triggering: Yes | VPN server: Y | 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 | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB port: Yes | Bandwidth control: Yes | MIMO: Yes | MU-MIMO technology: Yes | Quality

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of Service (QoS) support: Yes | Reset button: Yes | Wake-on-LAN ready: Yes | WPS push button: Yes | DMZ support: Yes | Filtering: Yes | Firewall: Yes | Guest access: Yes | MAC address filtering: Yes | MAC address table: 64 | NAT functionality: NAT Passthrough : PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through, H.323 Pass-Through, SIP Pass-Through, PPPoE relay | Network address translation (NAT): Yes | Parental control: Yes | Schedule access: Yes | Security algorithms: SSH/SSID/WPA/WPA2/WPA2-Enterprise/WPA3-Personal/WPS | System event log: Yes | DHCP server: Yes | Supported network protocols: PPPoE, PPTP, L2TP, Automatic IP, Static IP | LED indicators: LAN | Product colour: Black | Product type: Tabletop router | Antenna included: Yes | Cables included: DC/LAN (RJ-45) | Quick start guide: Yes | Warranty card: Yes | Antenna design: External | Antennas quantity: 4 | Built-in processor: Yes | Flash memory: 256 | Internal memory: 1024 | Processor cores: 4 | Processor frequency: 2000 | Safety: Y | AC input frequency: 50/60 | AC input voltage: 100 - 240 | Output current: 3 | Output voltage: 12 | Power source type: DC | Mobile operating systems supported: Android/iOS | Depth: 147 | Height: 97 | Weight: 502 | Width: 238 | Package depth: 195 | Package height: 111 | Package type: Box | Package weight: 1130 | Package width: 288 | Model name: RT-BE82U BE6500 | Units per Shipping Box: 12 | Unit Calculated Volume: 0.0073482 | Unit Calculated Weight: 1.325

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