



DataSheet

Wireless

- **WiFi Speeds: BE3600**
 - 5 GHz: 2882 Mbps (802.11be)
 - 2.4 GHz: 688 Mbps (802.11be)
 - **WiFi Range: 3 Bedroom Houses**
 - **4 External Antennas:** Multiple antennas form a signal-boosting array to cover more directions and large areas.
 - **Beamforming:** Concentrates wireless signal strength towards devices to extend the WiFi range.
 - **WiFi Capacity: High**
 - **Dual-Band:** Assigns devices to different bands for optimal performance.
 - **2x2 MU-MIMO:** Simultaneously communicates with multiple MU-MIMO clients.
 - **OFDMA:** Simultaneously communicates with multiple clients.
 - **Airtime Fairness:** Improves network efficiency by limiting excessive airtime occupation.
 - **DFS:** Accesses an extra band to reduce congestion.
 - **4 Streams:** Connects your devices to more bandwidth.
 - **Advanced Features:**
 - Multi-Link Operation (MLO)
 - 4K-QAM
 - Multi-RUs
 - EasyMesh-Compatible
 - Works with Alexa and Google Assistant
 - IoT Network
 - **Wireless Mode:**
 - Router Mode
 - Access Point Mode
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Security

- **Network Security:**
 - SPI Firewall
 - Access Control
 - IP & MAC Binding
 - Application Layer Gateway
 - **HomeShield Security:**
 - Real-Time IoT Protection
 - Malicious Site Blocker
 - Intrusion Prevention System
 - DDoS Attack Prevention
 - Home Network Scanner
- **Guest Network:**
 - 1× 5 GHz Guest Network
 - 1× 2.4 GHz Guest Network

- **VPN Server:**
 - OpenVPN Server
 - PPTP VPN Server
 - L2TP VPN Server
 - WireGuard VPN Server
 - **VPN Client:**
 - OpenVPN Client
 - PPTP VPN Client
 - L2TP VPN Client
 - WireGuard VPN Client
 - **WiFi Encryption:**
 - WPA
 - WPA2
 - WPA3
 - WPA/WPA2-Enterprise (802.1x)
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Hardware

- **Ethernet Ports:**
 - 1× 2.5 Gbps WAN
 - 1× 2.5 Gbps LAN
 - 3× 1 Gbps LAN
 - **USB Support:**
 - 1× USB 3.0
 - **Supported Partition Formats:** NTFS, exFAT, HFS+, FAT32
 - **Supported Functions:** FTP Server, Media Server, Samba Server
 - **Buttons:**
 - Power On/Off Button
 - Wi-Fi On/Off Button
 - LED Button
 - WPS Button
 - Reset Button
 - **Power:**
 - 12 V = 2 A (US)
 - 12 V = 1.5 A (EU)
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Software

- **Protocol:**
 - IPv4
 - IPv6
- **Service Kit:**
 - HomeShield
- **EasyMesh:**

- Compatible with EasyMesh
 - **Parental Controls:**
 - **HomeShield Parental Controls:**
 - Custom Profiles
 - Professional Content Filter Library
 - Family Time
 - Bedtime
 - Off Time
 - Time Rewards
 - Family Online Time Ranking
 - Pause the Internet
 - Weekly and Monthly Reports
 - **WAN Type:**
 - Dynamic IP
 - Static IP
 - PPPoE
 - PPTP
 - L2TP
 - **Quality of Service:**
 - QoS by Device
 - **Cloud Service:**
 - Auto Firmware Upgrade
 - TP-Link ID
 - DDNS
 - **NAT Forwarding:**
 - Port Forwarding
 - Port Triggering
 - DMZ
 - UPnP
 - **IPTV:**
 - IGMP Proxy
 - IGMP Snooping
 - Bridge
 - Tag VLAN
 - **DHCP:**
 - Address Reservation
 - DHCP Client List
 - Server
 - **DDNS:**
 - TP-Link
 - NO-IP
 - DynDNS
 - **Management:**
 - Tether App
 - Webpage
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Other

- **Network Services Enabled by Default:**
 - **Web Server:** Manage and configure the device through the web (HTTP/HTTPS)
 - Port: 80/443 Protocol: TCP
 - **DNS:**
 - Port: 53 Protocol: TCP & UDP
 - **DHCP Server:** IP address assignment (DHCP)
 - Port: 67 Protocol: UDP
 - **App management:** Manage and configure the device through the app
 - Port: 20001 Protocol: TCP
 - Port: 30001 Protocol: TCP
 - Port: 20002 Protocol: UDP
- **System Requirements:**
 - Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser.
 - Cable or DSL Modem (if needed).
 - Subscription with an internet service provider (for internet access).
- **Certifications:**
 - CE, FCC, RoHS
- **Environment:**
 - **Operating Temperature:** 0°C~40°C (32°F ~104°F)
 - **Operating Humidity:** 10%~90% non-condensing