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 clients to expand WiFi range.**
- **WiFi Capacity: High**
  - **Dual-Band**
    - **Allocate devices to different bands for optimal performance.**
  - **2×2 MU-MIMO**
    - **Simultaneously communicates with multiple MU-MIMO clients.**
  - **OFDMA**
    - **Simultaneously communicates with multiple clients.**
  - **Airtime Fairness**
    - **Improves network efficiency by limiting excessive occupation.**
  - **DFS**
    - **Access an extra band to reduce congestion.**
  - **4 Streams**
    - **Connect 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**

🔒 SEGURIDAD

- **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:**
  - **Open VPN Client**
  - **PPTP VPN Client**
  - **L2TP VPN Client**
  - **WireGuard VPN Client**
- **WiFi Encryption: WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)**

⚙️ HARDWARE

- **Ethernet Ports:**
  - **1× 1 Gbps WAN**
  - **4× 1 Gbps LAN**

- **Buttons: Power On/Off Button, LED/Wi-Fi Button, WPS Button, Reset Button**
- **Power: 12 V ⎓ 2 A (US), 12 V ⎓ 1.5 A (EU)**

💻 SOFTWARE

- **Protocol: IPv4, IPv6**
- **Service Kit: HomeShield (Learn More)**
- **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 Features: Tether App, Webpage**

✨ OTHER

- **Network Services Enabled by Default:**
    - **Web Server: Manage and configure device through 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 device through 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.**
- **Certifications: CE, FCC, RoHS**
- **Environment:**
  - ○ **Operating Temperature: 0℃~40℃ (32℉ ~104℉)**
  - ○ **Operating Humidity: 10%~90% non-condensing**