

## TP-Link AX3000 Whole Home Mesh WiFi System

**Brand :** TP-Link

**Product code:** HX510(1-PACK)

**Product name :** AX3000 Whole Home Mesh WiFi System

- Dual Band WiFi 6: Speeds up to 3000 Mbps—2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz
  - Boosted Seamless Coverage: Achieve seamless whole home coverage with a clearer and stronger WiFi signal
  - One Unified Network: Multiple units form a whole-home network that auto-selects the best connection as you move around your home
  - Enhanced Security: WPA3 encryption, Multi-SSID, and Parental Controls provide personalized and safer online experience
  - Wi-Fi CERTIFIED EasyMesh™: Experience strong, stable, and seamless wireless connections based on standard mesh technology
  - Easy Setup: Set up your mesh WiFi in minutes with the powerful Aginet app
  - Remote Management: TAUC cloud management, TR-098, TR-181, TR-111, and TR-143 are supported
- 2.4 GHz (574 Mbps), 5 GHz (2402 Mbps), 802.11a/b/g/n/ac/ax, 3× Gigabit Ports, 120 x 120 x 96.5 mm



| Design                                        |                                                                                      | Features                          |                                                      |
|-----------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------|
| Product type                                  | Mesh router                                                                          | Firewall security                 | SPI Firewall                                         |
| Product colour *                              | White                                                                                | Parental control                  | ✓                                                    |
| LED indicators                                | Yes                                                                                  | <b>Ports &amp; interfaces</b>     |                                                      |
| Antenna type *                                | Internal                                                                             | Ethernet LAN (RJ-45) ports *      | 3                                                    |
| Reset button                                  | ✓                                                                                    | DC-in jack                        | ✓                                                    |
| Wireless LAN features                         |                                                                                      | Certificates                      |                                                      |
| Wi-Fi band *                                  | Dual-band (2.4 GHz / 5 GHz)                                                          | Certification                     | CE, FCC, Wi-Fi CERTIFIED 6, Wi-Fi CERTIFIED EasyMesh |
| Top Wi-Fi standard *                          | Wi-Fi 6 (802.11ax)                                                                   | <b>Operational conditions</b>     |                                                      |
| Wi-Fi standards                               | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | Operating temperature (T-T)       | 0 - 40 °C                                            |
| WLAN data transfer rate (max) *               | 3000 Mbit/s                                                                          | Storage temperature (T-T)         | -40 - 60 °C                                          |
| WLAN data transfer rate (first band)          | 574 Mbit/s                                                                           | Operating relative humidity (H-H) | 10 - 90%                                             |
| WLAN data transfer rate (second band)         | 2402 Mbit/s                                                                          | Storage relative humidity (H-H)   | 5 - 90%                                              |
| Networking standards                          | IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n | <b>Weight &amp; dimensions</b>    |                                                      |
| Security algorithms                           | WPA3-Personal, WPA-PSK, WPA2-PSK                                                     | Width                             | 120 mm                                               |
| Point-to-point protocol over Ethernet (PPPoE) | ✓                                                                                    | Depth                             | 120 mm                                               |
| Dynamic IP                                    | ✓                                                                                    | Height                            | 96.5 mm                                              |
| Static IP                                     | ✓                                                                                    | <b>Packaging content</b>          |                                                      |
| Features                                      |                                                                                      | Number of products included       | 1 pc(s)                                              |
| Quality of Service (QoS) support              | ✓                                                                                    | AC adapter included               | ✓                                                    |
| Port forwarding                               | ✓                                                                                    | Number of units included          | 1 pc(s)                                              |
|                                               |                                                                                      | Ethernet cable                    | ✓                                                    |
|                                               |                                                                                      | Quick installation guide          | ✓                                                    |



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### Catalog Object Cloud



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