



TP-Link AX1800 Dual Band Wi-Fi 6 Router

Brand : TP-Link

Product code: EX220

Product name : AX1800 Dual Band Wi-Fi 6 Router

- Next-Gen 1.8 Gbps Speeds: Enjoy smooth streaming, downloading, and gaming all without buffering with Wi-Fi speeds of 1.8 Gbps
- Dual-Band Wi-Fi 6: Equipped with the latest WiFi 6 wireless technology for faster speeds, greater capacity, and reduced network congestion
- Connect More Devices: WiFi 6 technology communicates more data to more devices using revolutionary OFDMA technology while simultaneously reducing lag
- Extensive Coverage: Beamforming, and four antennas combine to deliver focused reception to devices far away
- EasyMesh Compatible: Provides whole home WiFi coverage with standard mesh technology
- Easy Setup: Set up your router in minutes with the powerful TP-Link Aginet App
- TR-069 Remote Management: TR-098, TR-181, TR-111, TR-104 and TR-143 are supported
- 2.4 GHz (574 Mbps), 5 GHz (1201 Mbps), 802.11 a/b/n/ac/ax, 10/100/1000 Mbps RJ45 WAN, 4x 10/100/1000 Mbps RJ45, 260.2x135x41.6 mm



| WAN connection | | Protocols | |
|---------------------------------------|---|--------------------------------|-----------------|
| Ethernet WAN * | ✓ | DHCP client | ✓ |
| DSL WAN * | ✗ | DHCP server | ✓ |
| SIM card slot * | ✗ | Universal Plug and Play (UPnP) | ✓ |
| 3G/4G USB modem compatibility * | ✗ | Supported network protocols | IPv4, IPv6 |
| WAN connection type | RJ-45 | Design | |
| Wireless LAN features | | Product colour | Black |
| Wi-Fi band * | Dual-band (2.4 GHz / 5 GHz) | Indication light | ✓ |
| Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) | On/off switch | ✓ |
| WLAN data transfer rate (max) * | 1800 Mbit/s | Built-in display | ✗ |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | Product type * | Tabletop router |
| WLAN data transfer rate (first band) | 574 Mbit/s | Certificates | |
| WLAN data transfer rate (second band) | 1201 Mbit/s | Compliance certificates | CE |
| Network | | Certification | FCC |
| Ethernet LAN * | ✓ | Packaging content | |
| Ethernet LAN interface type * | Gigabit Ethernet | Cables included | LAN (RJ-45) |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | AC adapter included | ✓ |
| Cabling technology | 10/100/1000Base-T(X) | Antenna included | ✓ |
| Networking standards | IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11k, IEEE 802.11n, IEEE 802.11r, IEEE 802.11v, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u | Quick installation guide | ✓ |
| Port forwarding | ✓ | Sustainability | |
| Port triggering | ✓ | Sustainability compliance | ✓ |
| Dynamic DNS (DDNS) | ✓ | Antenna | |
| | | Antenna design * | External |
| | | Antenna gain level (max) | 5 dBi |
| | | Antennas quantity | 4 |

| Network | | Antenna | |
|----------------------------------|-----------------------|-------------------------------------|--|
| Wireless radio | ✓ | Transmit power | CE: <20dBm (2.4 GHz), <23dBm (5.17 GHz-5.71 GHz) FCC:<30dBm (2.4 GHz & 5.15 GHz-5.825 GHz) |
| VPN Passthrough | ✓ | | |
| VPN support | PPTP, OpenVPN, IPSec | | |
| Mobile network | | Power | |
| 3G | ✗ | Power source type * | DC |
| 4G | ✗ | External power adapter | ✓ |
| 5G | ✗ | Operational conditions | |
| Ports & interfaces | | Operating temperature (T-T) | 0 - 40 °C |
| Ethernet LAN (RJ-45) ports * | 4 | Storage temperature (T-T) | -40 - 60 °C |
| DC-in jack | ✓ | Operating relative humidity (H-H) | 10 - 90% |
| Management features | | Storage relative humidity (H-H) | 5 - 90% |
| Wi-Fi Multimedia (WMM)/(WME) | ✓ | System requirements | |
| Wireless statistics | ✓ | Browser supported | Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0 |
| Reset button | ✓ | Windows operating systems supported | ✓ |
| WPS push button | ✓ | Linux operating systems supported | ✓ |
| MU-MIMO technology | ✓ | Mac operating systems supported | ✓ |
| MIMO | ✓ | Weight & dimensions | |
| Security | | Width | 260.2 mm |
| Security algorithms | SSID, WPA, WPA2, WPA3 | Depth | 135 mm |
| Firewall | ✓ | Height | 41.6 mm |
| Firewall security | SPI | Packaging data | |
| Guest access | ✓ | Number of products included | 1 pc(s) |
| Access Control List (ACL) | ✓ | Other features | |
| Stateful Packet Inspection (SPI) | ✓ | Input current | 1 A |
| Schedule access | ✓ | Input voltage | 12 V |
| DoS attack prevention | ✓ | | |
| DMZ support | ✓ | | |



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