TP-Link AX1800 Dual Band Wi-Fi 6 Router

Brand : TP-Link

Product name : AX1800 Dual Band Wi-Fi 6 Router

Product code: EX220

- 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

Ethernet WAN *	✓
DSL WAN *	✗
SIM card slot *	✗
3G/4G USB modem compatibility *	✗
WAN connection type	RJ-45

Wireless LAN features

Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
WLAN data transfer rate (max) *	1800 Mbit/s
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN data transfer rate (first band)	574 Mbit/s
WLAN data transfer rate (second band)	1201 Mbit/s

Network

Ethernet LAN *	✓
Ethernet LAN interface type *	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
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
Port forwarding	✓
Port triggering	✓
Dynamic DNS (DDNS)	✓
Wireless radio	✓

Protocols

DHCP client	✓
DHCP server	✓
Universal Plug and Play (UPnP)	✓
Supported network protocols	IPv4, IPv6

Design

Product colour	Black
Indication light	✓
On/off switch	✓
Built-in display	✗
Product type *	Tabletop router

Certificates

Compliance certificates	CE
Certification	FCC

Packaging content

Cables included	LAN (RJ-45)
AC adapter included	✓
Antenna included	✓
Quick installation guide	✓

Sustainability

Sustainability compliance	✓

Antenna

Antenna design *	External
Antenna gain level (max)	5 dBi
Antennas quantity	4
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)

Network		Power	
VPN Passthrough	✔	Power source type *	DC
VPN support	PPTP, OpenVPN, IPSec	External power adapter	✔

Mobile network		Operational conditions	
3G	✘	Operating temperature (T-T)	0 - 40 °C
4G	✘	Storage temperature (T-T)	-40 - 60 °C
5G	✘	Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	5 - 90%

Ports & interfaces		System requirements	
Ethernet LAN (RJ-45) ports *	4	Browser supported	Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0
DC-in jack	✔	Windows operating systems supported	✔

Management features			
Wi-Fi Multimedia (WMM)/(WME)	✔	Linux operating systems supported	✔
Wireless statistics	✔	Mac operating systems supported	✔
Reset button	✔		

		Weight & dimensions	
WPS push button	✔	Width	260.2 mm
MU-MIMO technology	✔	Depth	135 mm
MIMO	✔	Height	41.6 mm

Security		Packaging data	
Security algorithms	SSID, WPA, WPA2, WPA3	Number of products included	1 pc(s)
Firewall	✔		

		Other features	
Firewall security	SPI	Input current	1 A
Guest access	✔	Input voltage	12 V
Access Control List (ACL)	✔		
Stateful Packet Inspection (SPI)	✔		
Schedule access	✔		
DoS attack prevention	✔		
DMZ support	✔		

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