



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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