



TP-Link AX6000 Dual Band Wi-Fi 6 VoIP Router

Brand : TP-Link

Product code: EX820V

Product name : AX6000 Dual Band Wi-Fi 6 VoIP Router

2.4 GHz (1148 Mbps), 5 GHz (4804Mbps), 2.5G RJ45 WAN, 2.5G RJ45 LAN, 3x 1G RJ45 LAN, 1x USB 3.0, 2x RJ-11, 802.11 a/b/g/n/ac/ax, 214.9 × 178.2 × 73.3 mm
 TP-Link AX6000 Dual Band Wi-Fi 6 VoIP Router. WAN connection type: RJ-45. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 6 (802.11ax), WLAN data transfer rate (max): 6000 Mbit/s. Ethernet LAN interface type: 2.5 Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000,2500 Mbit/s, VPN support: PPTP, IPSec, OpenVPN. Security algorithms: SSID, WPA, WPA2, WPA3. Product type: Tabletop router, Product colour: White, LED indicators: LAN, Power, WAN



WAN connection		Management features	
Ethernet WAN *	✓	MIMO	✓
DSL WAN *	✗	Security	
SIM card slot *	✗	Security algorithms	SSID, WPA, WPA2, WPA3
3G/4G USB modem compatibility *	✗	Guest access	✓
WAN connection type	RJ-45	Access Control List (ACL)	✓
Wireless LAN features		Parental control	✓
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	DMZ support	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Protocols	
WLAN data transfer rate (max) *	6000 Mbit/s	DHCP client	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	DHCP server	✓
WLAN data transfer rate (first band)	1148 Mbit/s	Universal Plug and Play (UPnP)	✓
WLAN data transfer rate (second band)	4804 Mbit/s	Design	
Modulation	1024-QAM, OFDMA	Product colour	White
Network		Wall mountable	✓
Ethernet LAN *	✓	LED indicators	LAN, Power, WAN
Ethernet LAN interface type *	2.5 Gigabit Ethernet	On/off switch	✓
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Product type *	Tabletop router
Port forwarding	✓	Certificates	
Port triggering	✓	Certification	CE, DFS
Automatic channel selection	✓	Packaging content	
Dynamic DNS (DDNS)	✓	Cables included	LAN (RJ-45), Phone (RJ-11)
SSID-based VLAN assignment	✓	AC adapter included	✓
Number of guest networks (2.4 GHz)	1	Quick installation guide	✓
Number of guest networks (5 GHz)	1	Antenna	
Built-in FTP server	✓	Antenna design *	Internal
VPN support	PPTP, IPSec, OpenVPN	Power	
Ports & interfaces		Power source type *	DC
Ethernet LAN (RJ-45) ports *	5	Output voltage	12 V
		Output current	2.5 A

Ports & interfaces		Operational conditions	
USB port *	✓	Operating temperature (T-T)	0 - 40 °C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Storage temperature (T-T)	-40 - 60 °C
RJ-11 ports quantity	2	Operating relative humidity (H-H)	10 - 90%
DC-in jack	✓	Storage relative humidity (H-H)	5 - 90%
Management features		Weight & dimensions	
Quality of Service (QoS) support	✓	Width	214.9 mm
MU-MIMO technology	✓	Depth	178.2 mm
		Height	73.3 mm
		Packaging data	
		Package type	Box



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