Archer AX20   New

AX1800 Dual-Band Wi-Fi 6 Router

What is Wi-Fi 6?

WIRELESS

WIRELESS

Standards	**Wi-Fi 6** IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
WiFi Speeds	**AX1800** 5 GHz: 1201 Mbps (802.11ax) 2.4 GHz: 574 Mbps (802.11ax)
WiFi Range	**3 Bedroom Houses** 4× Fixed High-Performance Antennas Multiple antennas form a signal-boosting array to cover more directions and large areas Beamforming Concentrates wireless signal strength towards clients to expand WiFi range High-Power FEM Improves transmission power to strengthen signal coverage
WiFi Capacity	**High** Dual-Band Allocate devices to different bands for optimal performance OFDMA Simultaneously communicates with multiple Wi-Fi 6 clients Airtime Fairness Improves network efficiency by limiting excessive occupation 4 Streams Connect your devices to more bandwidth
Working Modes	Router Mode Access Point Mode

HARDWARE

Processor	1.5 GHz Quad-Core CPU
Ethernet Ports	1× Gigabit WAN Port 4× Gigabit LAN Ports
USB Support	1× USB 2.0 Port Supported Partition Formats: NTFS, exFAT, HFS+, FAT32 Supported Functions: Apple Time Machine FTP Server Media Server Samba Server

HARDWARE

Buttons	WPS/Wi-Fi Button Power On/Off Button LED On/Off Button Reset Button
Power	12 V ⎓ 1.5 A

SECURITY

WiFi Encryption	WPA WPA2 WPA3 WPA/WPA2-Enterprise (802.1x)
Network Security	SPI Firewall Access Control IP & MAC Binding Application Layer Gateway
Guest Network	1× 5 GHz Guest Network 1× 2.4 GHz Guest Network
VPN Server	OpenVPN PPTP

SOFTWARE

Protocols	IPv4 IPv6
OneMesh™	OneMesh™ Supported Without replacing your existing devices or buying a whole new WiFi ecosystem, OneMesh™ helps you create a more flexible network that covers your entire home with TP-Link OneMesh™ products. Learn More> All OneMesh Products>
Parental Controls	URL Filtering Time Controls
WAN Types	Dynamic IP Static IP PPPoE PPTP L2TP
Quality of Service	QoS by Device
Cloud Service	Auto Firmware Upgrade OTA Firmware Upgrade TP-Link ID DDNS

SOFTWARE

NAT Forwarding	Port Forwarding Port Triggering DMZ UPnP
IPTV	IGMP Proxy IGMP Snooping Bridge Tag VLAN
DHCP	Address Reservation DHCP Client List Server
DDNS	TP-Link NO-IP DynDNS
Management	Tether App Webpage Check Web Emulator>

PHYSICAL

Dimensions (W×D×H)	10.2 × 5.3 ×1.5 in (260.2 × 135.0 × 38.6 mm)
Package Contents	Wi-Fi Router Archer AX20 Power Adapter RJ45 Ethernet Cable Quick Installation Guide

OTHER

System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser Cable or DSL Modem (if needed) Subscription with an internet service provider (for internet access)
Certifications	FCC, CE, RoHS
Environment	Operating Temperature: 0℃~40℃ (32℉ ~104℉) Storage Temperature: -40℃~70℃ (-40℉ ~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

TEST DATA

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WiFi Transmission Power	CE: <20dBm(2.4 GHz) <23dBm(5.15 GHz~5.25 GHz) FCC: <30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)

Press Release: TP-Link® Launches AX1800 Dual-Band Wi-Fi 6 Router Archer AX20 at CES 2020

*Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range and coverage specifications are based upon test results under normal usage conditions. Actual wireless transmission rate and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition.

^Use of DL/UL OFDMA and 1024QAM requires clients to also support those functions.

‡Saving clients' battery power requires clients to also support the 802.11ax Wi-Fi standard. Actual power reduction may vary as a result of network conditions, client limitations, and environmental factors.

§Latency improvement requires that the AP and all clients support OFDMA.

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