

Code: ARCHER-AX55

ROUTER **ARCHER-AX55** Wi-Fi 6 2.4 GHz, 5 GHz 2402 Mbps + 574 Mbps TP-LINK

With 2402 Mbps wireless speeds over the crystal clear 5 GHz band and 574 Mbps over the 2.4 GHz band, ARCHER-AX55 offers you the flexibility of 2 dedicated networks and ensures amazing wireless performance. Simple tasks such as sending e-mails or web browsing can be handled by the 2.4 GHz band while bandwidth intensive tasks like online gaming or HD video streaming can be processed by the 5 GHz band - all at the same time.

The MU-MIMO technology allows to optimize data transfer by using multiple transmitters in parallel to connect to several clients simultaneously, taking into account the use of radio wave forming technology (Beamforming - TxBF). Thanks to the advanced OneMesh technology, devices are automatically switched when moving around the house.

Main applications include Internet accesses in small and medium size businesses, SOHO, and homes. 4 external antennas provide stable omnidirectional signal and superior wireless coverage.

Supports 802.11ax standard - the next generation of Wi-Fi.



Frequency range:	2.4 GHz, 5 GHz
Antenna type:	4 x Omnidirectional antenna
Standards:	IEEE 802.11ax/n/b/g @ 2.4 GHz IEEE 802.11ax/ac/n/a @ 5 GHz
Baud rates:	2402 Mbps + 574 Mbps
LAN ports:	1 x 10/100/1000 Mbps - Uplink 4 x 10/100/1000 Mbps - LAN
LED indicators:	Power, 2.4 GHz WLAN, 5 GHz WLAN, INTERNET, LAN, USB



DATA SHEET

Receiver sensitivity:	2.4 GHz : • 11ac VHT20 MCS0 : -96 dBm • 11ac VHT20 MCS8 : -74 dBm • 11ac VHT40 MCS0 : -94 dBm • 11ac VHT40 MCS9 : -70 dBm • 11ax HE20 MCS0 : -96 dBm • 11ax HE20 MCS11 : -66 dBm • 11ax HE40 MCS0 : -93 dBm • 11ax HE40 MCS11 : -63 dBm 5 GHz : • 11ac VHT20 MCS0 : -96 dBm • 11ac VHT20 MCS8 : -75 dBm • 11ac VHT40 MCS0 : -94 dBm • 11ac VHT40 MCS9 : -70 dBm • 11ac VHT80 MCS0 : -91 dBm • 11ac VHT80 MCS9 : -67 dBm • 11ac VHT160 MCS0 : -88 dBm • 11ac VHT160 MCS9 : -63 dBm • 11ax HE20 MCS0 : -96 dBm • 11ax HE20 MCS11 : -66 dBm • 11ax HE40 MCS0 : -93 dBm • 11ax HE40 MCS11 : -63 dBm • 11ax HE80 MCS0 : -91 dBm • 11ax HE80 MCS11 : -61 dBm • 11ax HE160 MCS0 : -87 dBm • 11ax HE160 MCS11 : -58 dBm
DDNS:	• No-IP • DynDNS • TP-LINK
DHCP server:	✓
Firmware update:	✓
Protections:	WPA/WPA2-Personal, WPA2/WPA3-Personal, WPA/WPA2-Enterprise DoS attacks protection, SPI network firewall, domain filtering, IP and MAC filtering, IP and MAC binding
Management interface:	Web browser, TP-LINK Tether
Transmitter power:	< 30 dBm @ 2.4 GHz < 30 dBm @ 5 GHz
Power supply:	12 V DC / 1.5 A (power adapter included)

Main features:	• Internet access filtering • Static / dynamic routing • Beamforming (TxBF) - technology that allows to create a beam of radio waves in order to improve the quality of connection with client devices located further away from the signal source • VPN Server: OpenVPN, PPTP VPN • Support for TP-Link OneMesh™ technology • Wi-Fi 6 support - a standard that offers higher speeds, better performance in high-traffic environments • Firewall • HomeShield™ Web protection - detection of dangerous sites, protection against attacks, quarantine of attacked devices, notifications and logs • Built-in 4-port switch • Wireless transmission statistics • The WPS function allows to easy establish an encrypted connection • QoS • WMM (Wi-Fi Multimedia) • Rate limit • Access control • Remote management • DMZ • parental control • Guest Network - a separate and secure network for guests • Compatible with Amazon Alexa
Operation temp:	0 °C ... 40 °C
Permissible relative humidity:	10 % ... 90 % (non-condensing)
Weight:	0.49 kg
Dimensions:	261 x 135 x 41 mm
Manufacturer / Brand:	TP-LINK
Guarantee:	3 years