

# Zyxel WAX620D-6E-EU0101F wireless access point

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**Artikel**  
**Herstellernummer**  
**EAN**  
Zyxel

133023  
WAX620D-6E-EU0101F  
4718937625529

Delivering up to 5.4Gbps WiFi speed, the Zyxel WAX620D-6E is fully equipped with the next-gen WiFi 6E technology for ultra-fast speeds and low-latency connections.

The BandFlex radio design allows the AP to support either 5GHz or 6GHz band by configuration, making it the most budget-friendly choice to fit into your existing 5GHz coverage, as well as futureproofing the use of 6GHz.

With only 6E-compatible client devices operating on the new band, the 6GHz presents the best solution to alleviate congestion in the existing bands. To fully maximize the performance, Zyxel 6E Boost with the 4x4 streams in 6GHz effectively helps extend its range and ensure the highest performance is delivered to every connecting users and devices.

Designed with the innovative 'Dual-optimized' antenna, the WAX620D-6E adapts to both wall- and ceiling-mount installations. Users can switch between the two optimized antenna modes easily to fit either situation to boost WiFi performance.

The NebulaFlex Pro technology offers the flexible management for users to freely switch between the Nebula cloud-managed mode, WLAN controller, and device's local web interface based on their needs. The Nebula's mobile App is also available when using the cloud-managed mode.

## WiFi 6E – the Fastest Speed EVER

The WAX620D-6E includes all the benefits of WiFi 6 capabilities and brings them into the brand-new, interference-free 6GHz that more than doubles the WiFi capacity to deliver ultra-fast WiFi 6E speeds, and low-latency connections.

## The most budget-friendly choice with BandFlex radio

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## Zyxel 6E Boost

The high-gain 4x4 streams in 6GHz design helps increase the maximum gains in transmit beamforming and receive MIMO to extend range and maximize the performance of the new band.

## Say goodbye to WiFi congestion

The new 6GHz band is the best solution to alleviate congestion in the existing bands. Zyxel 6E Boost with high-gain 4 streams in 6GHz to effectively help extend range and ensure maximum performance for SB/SMB networks.

## Optimized performance for wall or ceiling mounting

Designed with the innovative 'Dual-optimized' antenna, the WAX620D-6E adapts to both wall- and ceiling-mount installations. Users can switch between the two optimized antenna modes easily to fit either situation to boost WiFi performance.

## Manage It Your Way!

The WAX620D-6E with NebulaFlex Pro offers the flexible manageability for you to freely choose between the device's local web management, WLAN controller, or onboarding to our super easy Nebula cloud which empowers you to manage your network anytime, anywhere.

# Zusammenfassung

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Zyxel WAX620D-6E-EU0101F, 2.4 GHz, 5 GHz, 4800 Mbit/s, 802.1x RADIUS, EAP, WEP, WPA, WPA2, WPA2-PSK, WPA3, WPA3-Enterprise

Zyxel WAX620D-6E-EU0101F. 2.4 GHz, 5 GHz, Maximum data transfer rate: 4800 Mbit/s. Security algorithms: 802.1x RADIUS, EAP, WEP, WPA, WPA2, WPA2-PSK, WPA3, WPA3-Enterprise. Power over Ethernet (PoE). Product colour: White

## Merkmale

		Operational conditions	
Packaging content		Operating relative humidity (H-H) 10 - 95%	
Mounting kit	Yes	Operating temperature (T-T) 0 - 50 °C	
		Storage temperature (T-T) -40 - 70 °C	
		Storage relative humidity (H-H) 10 - 95%	
Ports & interfaces		Power	
Ethernet LAN (RJ-45) ports	1	Power over Ethernet (PoE) Yes	
		Output voltage 12 V	
		Output current 2 A	

Antenna

Antenna type	Internal
Antenna gain level (max)	6 dBi

Design

Placement	Ceiling
Product colour	White
LED indicators	Yes

Security

Security algorithms	802.1x RADIUS, EAP, WEP, WPA, WPA2, WPA2-PSK, WPA3, WPA3-Enterprise
MAC address filtering	Yes
Auto Wireless Distribution System (WDS)	Yes

Power supply	21.5 W
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Weight & dimensions

Width	197 mm
Depth	190 mm
Height	60 mm
Weight	780 g

Features

2.4 GHz	Yes
5 GHz	Yes
Maximum data transfer rate	4800 Mbit/s
Maximum data transfer rate (2.4 GHz)	575 Mbit/s
Maximum data transfer rate (5 GHz)	4800 Mbit/s
Bandwidth	0.16 GHz
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
MIMO	Yes
MIMO type	Multi User MIMO
Wi-Fi Multimedia (WMM)/(WME)	Yes
Fast roaming	Yes
VLAN support	Yes
Band steering	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.