

# ZyXEL WAC500 - Radio access point

Wi-Fi 5 - 2.4 GHz - 5 GHz - cloud-managed - in-ceiling

Group	Network Equipment
Manufacturer	ZyXEL
Manufacturer item no.	WAC500-EU0101F
EAN/UPC	4718937615155



## Description

The Zyxel WAC500 802.11ac Wave 2 Dual-Radio Unified Access Point delivers increased coverage and improved connection speeds for clients through MU-MIMO and RF First design. Additionally, the WAC500 supports NebulaFlex Pro which includes one year of Professional pack and triple mode functionality (standalone, hardware controller and Nebula).

## Main features

Product Description	Zyxel WAC500 - radio access point - Wi-Fi 5 - cloud-managed
Device Type	Radio access point
Form Factor	In-ceiling
Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac Wave 2
Frequency Band	2.4 GHz, 5 GHz
Performance	Maximum data rate (2.4 GHz): 300 Mbps   Maximum data rate (5 GHz): 866 Mbps
Included Accessories	Mounting plate
Power Over Ethernet (PoE) Supported	PoE
Dimensions (WxDxH)	14 cm x 14 cm x 3.75 cm
Weight	249 g

## Extended details

### General

Device Type	Radio access point
Width	14 cm
Depth	14 cm
Height	3.75 cm
Weight	249 g

Form Factor	In-ceiling
Connectivity Technology	Wireless
Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac Wave 2
Network / Transport Protocol	IPv6
Remote Management Protocol	SNMP, CLI
Cloud-Managed	Yes
Frequency Band	2.4 GHz, 5 GHz
Performance	Maximum data rate (2.4 GHz): 300 Mbps   Maximum data rate (5 GHz): 866 Mbps
Features	Load balancing, VLAN support, Wireless Distribution System (WDS) support, Mesh networking, Wi-Fi Multimedia (WMM) support, DiffServ Code Point (DSCP) support, Unscheduled Automatic Power Save Delivery (U-APSD), band steering, dual band, Fast Roaming, PMK Caching, Dynamic Channel Selection (DCS), 2x2 MU-MIMO technology, managed
Encryption Algorithm	WPA, WPA2-Enterprise, WEP, WPA3, WPA2-Personal
Authentication Method	RADIUS, Extensible Authentication Protocol (EAP)
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.1x, Wi-Fi CERTIFIED, IEEE 802.11n, IEEE 802.11k, IEEE 802.11r, IEEE 802.11v, IEEE 802.11ac Wave 2
	<b>Aerial</b>
Antenna	Internal
	<b>Expansion / Connectivity</b>
Interfaces	1 x 1000Base-T - RJ-45
	<b>Miscellaneous</b>
Included Accessories	Mounting plate
MTBF	630,794 hour(s)
Compliant Standards	EN 61000-3-2, EN 61000-3-3, EN55024, FCC Part 15 B, FCC Part 15 C, IEC 60950-1, EN 60950-1, FCC Part 15 E, BSMI CNS 13438, EN 60601-1-2, BSMI CNS 14336-1, EN 301 489-1, LP0002, ETSI EN 300 328, EN 301 893, EN 55032, EN 301 489-17
	<b>Power</b>
Power Over Ethernet (PoE) Supported	PoE
Power Device	External power adapter
	<b>Software / System Requirements</b>
Software Included	Nebula Professional Pack (1-year licence)
	<b>Dimensions &amp; Weight (Shipping)</b>

Shipping Width	18.5 cm
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Shipping Depth	15.5 cm
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Shipping Height	5.9 cm
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Shipping Weight	419 g
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**Environmental Parameters**

Min Operating Temperature	0 °C
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Max Operating Temperature	50 °C
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Humidity Range Operating	10 - 95% (non-condensing)
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