ZYXEL

Zyxel NWA130BE BE11K 2x2 MU-MIMO 11000 Mbit/s White Power over Ethernet (PoE)

Brand : Zyxel

Product code: NWA130BE

Product name : NWA130BE BE11K 2x2 MU-MIMO

Zyxel NWA130BE BE11K 2x2 MU-MIMO. 2.4 GHz, 5 GHz, 6 GHz, Maximum data transfer rate: 11000 Mbit/s. Security algorithms: EAP, WPA2, WPA2-AES, WPA2-CCMP, WPA2-EAP, WPA2-Enterprise, WPA2-Enterprise-PEAP, WPA2-PSK,.... Ethernet LAN data rates: 10,100,300,1000,1200,2000,2500 Mbit/s. Power over Ethernet (PoE). Product colour: White. Power consumption (max): 24 W

Features	
2.4 GHz *	✔
5 GHz *	✔
6 GHz *	✔
Maximum data transfer rate *	11000 Mbit/s
Maximum data transfer rate (2.4 GHz)	688 Mbit/s
Maximum data transfer rate (5 GHz)	4324 Mbit/s
Maximum data transfer rate (6 GHz)	5764 Mbit/s
Ethernet LAN data rates	10,100,300,1000,1200,2000,2500 Mbit/s
Frequency band	6425 GHz
Bandwidth	320 GHz
Networking standards	IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11be
Cabling technology	10/100/1000Base-T(X)
Number of users	100 user(s)
Channels quantity	6 channels
Channel bandwidth	320 MHz
Automatic channel selection	✔
Automatic channel scanning	✔
Full duplex	✔
Duplex mode auto-negotiation	✔
Tunnel forwarding	✔
Auto MDI/MDI-X	✔
MIMO	✔
MIMO type	Multi User MIMO
Spatial streams	2x2
Wi-Fi roaming	✔
Fast roaming	✔
WLAN channel features	WLAN channel management
VLAN support	✔
Virtual LAN features	Interface-based VLAN, Multicast VLAN
Wireless isolation	✔
Band steering	✔
Dynamic Frequency Selection (DFS)	✔
Quality of Service (QoS) support	✔
Trusted Platform Module (TPM)	✔
BeamForming	✔

Ports & interfaces	
USB 2.0 ports quantity *	1
USB connector type	USB Type-C
DC-in jack	✔
Power	
Power over Ethernet (PoE) *	✔
Power over Ethernet (PoE) type supported	Active PoE
DC voltage range	12 V
Input current	2 A
Power consumption (typical)	24 W
Power consumption (max)	24 W
Power supply	12 W
Design	
Placement *	Ceiling, Wall
Product colour *	White
Housing material	Aluminium, Metal, Plastic
Cable lock slot	✔
Cable lock slot type	Kensington
On/off switch	✘
Reset button	✔
WPS push button	✘
LED indicators	LAN, Status, WLAN, Wi-Fi
Market segment	Business
Recommended usage	Indoor
Antenna	
Antenna type *	Internal
Antenna direction type	Omni-directional
Antenna features	Integrated antenna
Antennas quantity	6
Antenna gain level (max)	4 dBi
Polarization	Dual polarization
Performance	
Built-in processor	✔
Processor model	Qualcomm Networking Pro 1210
Certificates	
Compliance certificates	CE, China RoHS, cTUVus

Security	
Security algorithms *	EAP, WPA2, WPA2-AES, WPA2-CCMP, WPA2-EAP, WPA2-Enterprise, WPA2-Enterprise-PEAP, WPA2-PSK, WPA2-Personal, WPA2-RADIUS, WPA2-TKIP, WPA3, WPA3-EAP, WPA3-Enterprise, WPA3-PSK, WPA3-Personal
MAC address filtering	✔
IP address filtering	✘
Service Set Identifier (SSID) features	Hidden SSID, Multiple SSIDs, SSID broadcast
Number of SSID supported	8
IGMP snooping	✔
DHCP snooping	✔
Auto Wireless Distribution System (WDS)	✔
Wireless Intrusion Detection System (WIDS)	✔
Wireless Intrusion Prevention System (WIPS)	✔
Remote Authentication Dial-In User Service (RADIUS)	✔

Protocols	
Universal Plug and Play (UPnP)	✔
DHCP server	✔
DHCP client	✔
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL)

Management features	
Web-based management	✔
Command-line interface (CLI)	✘
Syslog	✘
Firmware upgradeable	✔

Ports & interfaces	
Ethernet LAN (RJ-45) ports *	2

Certificates	
Certification	Radio FCC Part 15C FCC Part 15E FCC Part 2.1091 ETSI EN 300 328 EN 301 893 Draft EN 303 687 EN 50385 EN 50665 EN IEC 62311,LP0002 EMC FCC Part 15B EN 301 489-1 EN 301 489-17 EN55032 EN55035 EN61000-3-2/-3 EN60601-1-2 BSMI CNS15936 Safety EN 62368-1 IEC 62368-1 BSMI CNS15598-1

Weight & dimensions	
Width	250 mm
Depth	160 mm
Height	47 mm
Weight	808 g

Packaging data	
Package width	280 mm
Package depth	181 mm
Package height	66 mm
Package weight	1.03 kg
Package type	Box

Packaging content	
Quantity per pack	1 pc(s)
AC adapter included	✘
PoE adapter included	✘
Mounting kit	✔
Quick start guide	✔

Operational conditions	
Operating relative humidity (H-H)	10 - 95%
Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Storage relative humidity (H-H)	10 - 90%

Sustainability	
Sustainability compliance	✔

Logistics data	
Warranty period	5 year(s)
Country of origin	China

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Catalog Object Cloud

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