

Zyxel Nebula FWA505 AX1800 Dual-Band Wi-Fi 5G/NR router



1800Mb/s, IEEE 802.11a/b/g/n/ac/ax (Wi-Fi 6), WAN (1Gb/s): 1 port, LAN (1Gb/s): 2 port, USB2.0, SIM kártya foglalat, 5G/NR, 5dBi, energiafelhasználás: 24W, fehér

Cikkszám: FWA505-EU0102F

Ár:

154 620 Ft

Garancia: 2 Év

System specifications

IP networking

Supports IPv4/IPv6 dual stack (NDP IPv6)

DHCP Client/server

Virtual Private Network (VPN) pass-through

Supports NAT/NAPT

Supports DMZ

Multiple APNs

Supports port forwarding

Routing

Supports bridge and router modes

Supports remote management under bridge mode

Static/dynamic route setting

IP firewall

DoS attack detection

Supports SPI

Application-level firewall (LAN to WAN such as FTP, HTTP, Telnet, Ping)

Filters LAN MAC address

Filters LAN IP address

Management

Supports local/remote device management and firmware upgrade via TR-069 and web GUI

PIN/PUK management

APN management

Operating frequency band selection

CLI/SSH (local and remote SSH access)

Supports UPnP IGD

Supports web server API to support APPs

Supports Zyxel Nebula app (iOS and Android) for easy installation and local management

WLAN feature

Auto channel selection

WiFi Protected Setup (WPS)

WiFi Multimedia (WMM)

WiFi-enabled devices: up to 64

Security: none, WPA2-Personal, WPA/WPA2, WPA3

MAC address filtering with 64 address supported

Multiple SSIDs/hide SSIDs

WLAN scheduling

Hardware specifications

5G NR interface

3GPP Release 15 standard-compliant

Supports DL 4×4 MIMO: n1/n3/n7/n38/n40/n41/n77/n78

Supports DL modulation QPSK, 16-QAM, 64-QAM, and 256-QAM

Supports UL modulation QPSK, 16-QAM, 64-QAM, and 256-QAM

Supports both NSA and SA modes

FDD: n1/n3/n5/n7/n8/n20/n28/n77/n78

TDD: n38/n40/n41

Data rates:

5G SA: DL 4.7 Gbps; UL 2.5 Gbps*

5G NSA: DL 3.7 Gbps; UL 1.5 Gbps*

Output power:

Class 2 (26 dBm) for 5G NR n41/n77/n78

Class 3 (23 dBm) for rest FDD/TDD NR bands

4G LTE interface

3GPP UE Category 19 standard-compliant

Supports DL 4×4 MIMO: B1/B3/B7/B38/B40/B41/B42/B43

Supports DL modulation QPSK, 16-QAM, 64-QAM, and 256-QAM

Supports UL modulation QPSK, 16-QAM, 64-QAM, and 256-QAM

Supports frequencies:

LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32

LTE-TDD: B38/B40/B41/B42/B43

Peak data rates:

Max. DL 1.6 Gbps/UL 211 Mbps*

Output power:

Class 3 (23 dBm $\pm$ 2 dBm) for rest FDD/TDD LTE bands

WiFi air Interface

Wireless standard: IEEE 802.11b/g/n/a/ac/ax

Wireless speeds:

Link rates up to 1,774 Mbps* for 802.11ax DBDC

Internal WiFi antenna:

Dual-band & concurrent 2x2 + 2x2

WiFi antenna gain:

$\leq$ 4 dBi for 2.4 GHz

$\leq$ 5 dBi for 5 GHz

5G/4G antennas

Two TS9 connectors for external antennas**

Four embedded omni-directional antennas

Antenna Spec (Peak Gain)

700 MHz ~ 960 MHz: 2 dBi

1.4 GHz ~ 2.7 GHz: 5 dBi

3.3 GHz ~ 4.2 GHz: 5 dBi

Hardware interface

Two 100/1000 Mbps Ethernet RJ-45 LAN ports, LAN2 can be configured for Ethernet WAN port

Two external antenna connectors (TS9 type)

One 3FF/Micro SIM card slot

One power on/off button

One WPS/WiFi on/off button

One reset button

One Int/Ext antenna switch

One USB 2.0 host port for file sharing

LED indicators:

Power indication

Signal strength

Internet connection status

WiFi AP status

WPS status

Power consumption

24 W (peak)

Physical specifications

Item

Dimensions (WxDxH)

103 x 103 x 222 mm (4.06" x 4.06" x 8.74")

Weight

1145 g (2.53 lb.)

Packing

Dimensions (WxDxH)

252 x 171 x 110 mm (9.92" x 6.73" x 4.33")

Weight

2450 g (5.40 lb.)

Environmental specifications

Operating

Temperature

-10°C to 40°C (14°F to 104°F)

Humidity

10% to 90% RH (non-condensing)

Storage

Temperature

-30°C to 70°C (-22°F to 158°F)

Humidity

0% to 95% (non-condensing)

Certifications

CE

NCC

BSMI

NBTC Certification

Package contents

Power adapter

Ethernet cable 1.8 m 8P8C

All specifications are subject to change without notice.

1. * The maximum data rates is a theoretical value. The actual data rates depend on the network environment.
2. ** The TS9 connectors support 698 ~ 4200 MHz frequency.

Dual-Band	Van
Dual-personality Ethernet port	1
energiafelhasználás	24
LAN (1Gb/s)	2
SIM kártya foglalat	Van
tömeg	1145
WAN (1Gb/s)	1
Wi-Fi átviteli sebesség	1800
Wi-Fi jeltípus	IEEE 802.11a/b/g/n/ac/ax (Wi-Fi 6)
Gyártó	Zyxel
antenna nyeresége	5
antenna típusa	belső
mobil internet	5G/NR
USB2.0	1
WI-FI	Van
szín	fehér