



WiFi 6 high performance wireless connectivity for Small Office and Home Office (SOHO) deployments

The NETGEAR WiFi 6 AX1800 Dual Band Wireless Access Point (AP) delivers 802.11ax high performance wireless connectivity for Small Office and Home Office (SOHO) deployments and supports

dual band concurrent WiFi 6 operations at 2.4GHz and 5GHz with a combined throughput of 1.8Gbps (600Mbps at 2.4GHz and 1200Mbps at 5GHz). The WAX204 WiFi 6 Access Point provides

standalone configuration with easy setup for a reliable, 802.11ax high performance, and cost effective wireless solution.

Features

Easy to Configure

- Simple setup in minutes with intuitive Graphical User Interface (GUI)
- Comprehensive monitoring and management through a local web portal user interface

802.11ax high performance and superior coverage

- WiFi 6 802.11ax technology
- Dual band concurrent operation between 2.4GHz and 5GHz frequency ranges
- Maximize coverage for optimal deployment for SOHO

Comprehensive security

- Supports wireless security features (WPA, WPA2 and WPA3)
- MAC based Access Control List to protect against intruders
- Block unwanted sites and services

Interoperate with both new and legacy clients

- Support latest WiFi 6 802.11ax wireless clients to achieve maximum speed
- Backward compatible to allow legacy devices to connect at their fastest speed



Sample Deployment Use Cases

WAX204 Deployment Scenario



Small Offices



Dental Offices



Small Hotels

Example Application

WAX204 Deployment Scenario



Technical Specifications

Physical Characteristics

Power Supply	Country-specific plug: 12V/1.5A (18W) 1.5 Amp power adapter
--------------	--

Physical Specifications

Dimensions (L x W x H)	9.27 x 7.26 x 2.25in (236 x 184 x 57mm)
Weight	1.08lb (490g)
Mounting options	Desktop

Network Interfaces

Ethernet Ports	Five (5) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)
----------------	---

Buttons

Hardware Buttons	Default Reset, WPS
LEDs	5 LEDs (Power, Internet, Wireless, LAN, WPS)

Environmental Specifications

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20° to 70°C (-4°F to 158°F)
Operating Relative Humidity	10-90%
Storage Humidity	5-95%
MTBF	@ 25°C > 1,970,213.9 hours @ 45°C > 780,140.0 hours
Safety Certification	CE (EN60950)

RF Characteristics

Standards	IEEE 802.11ac specification IEEE 802.11n 2.0 specification IEEE 802.11g IEEE 802.11b IEEE 802.11a IEEE 802.11ax
Frequency Band	2.4GHz and 5GHz concurrent operation
Maximum Theoretical Throughput	600Mbps (2.4GHz) 1,200Mbps (5.0GHz)
Maximum Number of Clients	256 (2.4GHz 128, 5.0GHz 128)

Network Management

Deployment options	Standalone Web UI
Access Point	Antenna: 3dBi (external)
Security	WiFi Protected Access (WPA/WPA2/WPA3) MAC Address filtering 3 SSID

Technical Specifications

Network Management	
MAC ACL	Yes
VPN Pass-through	Yes
802.11e WMM	(Wireless multimedia mode) for QoS
Simultaneous Bridge/Client Association	No
Warranty and Support	
Hardware Limited Warranty	3 years
Next-Business-Day (NBD) Replacement	Yes
Technical support (online, phone)	90 days free from date of purchase*
ProSUPPORT OnCall 24x7 Service Packs**	Category S2 PMB0S12 (1 yr) PMB0S32 (3 yrs) PMB0S52 (5 yrs)
Package Contents	
WAX204	WiFi 6 AX1800 Dual Band Wireless AP (WAX204) Ethernet cable Installation guide Power adapter, localized to country of sale Warranty/support information card
Ordering Information	
WAX204-100NAS	
WAX204-100EUS	

*This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and covers unmodified hardware, fans and internal power supplies - not software or external power supplies, and requires product registration using the Insight mobile app or Insight Cloud portal within 90 days of purchase; see <https://www.netgear.com/about/warranty> for details. Intended for indoor use only.

**The NETGEAR OnCall 24x7 contract provides unlimited phone, chat and email technical support for your networking product.

NETGEAR and the NETGEAR logo are trademarks and/or registered trademarks of NETGEAR, Inc. and/or its subsidiaries in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice.
 © 2020 NETGEAR, Inc. All rights reserved.