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.

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 WAX202 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**
- Easy setup in minutes with intuitive Graphical User Interface (GUI)
- Comprehensive monitoring and management through a local web portal user interface

**Comprehensive security**
- Supports wireless security features (WPA, WPA2 and WPA3)
- MAC based Access Control List to protect against intruders

**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

**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
Sample Deployment Use Cases

WAX202 Deployment Scenario

Small Offices

Dental Offices

Small Hotels

Example Application

WAX202 Deployment Scenario

IoT Devices

Smartphone

Tablet

Laptop PC

Desktop PC

DSL or Cable Gateway or Modem

Surveillance Camera

Printer

2.4GHz frequency

5GHz frequency
Technical Specifications

**Physical Characteristics**

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

**Physical Specifications**

- **Dimensions (W x H x L):** 6.7 x 2.5 x 9.5 in (170 x 63 x 242 mm)
- **Weight:** 1.1 lb (497 g)
- **Mounting options:** Desktop

**Network Interfaces**

- **Ethernet Ports:** Four (4) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)

**Buttons**

- **Hardware Buttons:** Default Reset
- **LEDs:** 7 LEDs (Power, Internet, LAN1, LAN2, LAN3, 2.4G, 5G)

**Environmental Specifications**

- **Operating Temperature:** 0°C to 40°C (32°F to 104°F)
- **Storage Temperature:** -20°C to 70°C (-4°F to 158°F)
- **Operating Relative Humidity:** 10-90%
- **Storage Relative Humidity:** 5-95%
- **Safety Certification:** CB IEC60950-1, CE LVD EN62368-1

**RF Characteristics**

- **Standards:** IEEE 802.11ac, IEEE 802.11n 2.0, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a, IEEE 802.11ax
- **Frequency Band:** 2.4GHz and 5GHz concurrent operation
- **Maximum Theoretical Throughput:** 600 Mbps (2.4GHz), 1200 Mbps (5.0GHz)
- **Antenna Gain (Peak Gain):** 2.4GHz: 1.5 dBi, 5.0GHz: 3.5 dBi
- **Maximum Number of Clients:** 128

**Network Management**

- **Deployment options:** Standalone, Web UI
- **Security:** MAC Address filtering, 3 SSIDs
## Technical Specifications

<table>
<thead>
<tr>
<th>Network Management</th>
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<tbody>
<tr>
<td>MAC ACL</td>
<td>Yes</td>
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<tr>
<td>Simultaneous Bridge/Client Association</td>
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<tr>
<td>Hardware Limited Warranty</td>
<td>3 years</td>
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<td>Next-Business-Day (NBD) Replacement</td>
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<td>Technical support (online, phone)</td>
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<tr>
<td>PMB0512 (1yr)</td>
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<td>PMB0532 (2yr)</td>
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<td>PMB0552 (5yr)</td>
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<tr>
<td>Ethernet cable</td>
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<tr>
<td>Installation guide</td>
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<td>WAX202-100EUS</td>
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<tr>
<td>WAX202-100AUS</td>
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*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.

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