



The WAX615 is a high performance WiFi 6 access point, ideal for small and medium sized businesses. The access point is a dual band 2x2 design delivering up to 3Gbps total WiFi throughput, supported by a 2.5Gbps Power-over-Ethernet port, an industry leader of performance and cost effectiveness in its product class.

The WAX615 supports the next generation WiFI 6 smart phones, IoT devices, and notebook computers. The WAX615 WiFi is based on WiFi 6 Release 2 technology, featuring 160MHz channelization on 5GHz band, delivering 100% more throughput than designs based on WiFi 6 Release 1. Compared to WiFi 5 access points, the WAX615 provides 4x the client device connection, allowing businesses to serve more customers with better speed and less congestion.

# for the Small and Medium Size Businesses

High Performance WiFi 6 Access Points

The WAX615 is ideal in high density client device environments such as schools, hotels, restaurants and conference centers, and provides enterprise grade WiFi network security. With Insight management, WAX615 works seamlessly with your current NETGEAR Insight managed switches, WiFi access points and network storage, and is compatible with previous generation WiFi devices (WiFi 5 802.11ac for example) and WiFi Access Points.

Enjoy a 1-Year Insight subscription included with WAX615.

In the past several years, the WiFi industry has made progress in increasing speeds by leaps and bounds. However, capacity continues to be a challenge, namely, supporting a large number of concurrent users. This requirement is particularly acute for businesses, where very high throughput to each individual device may not be the paramount requirement. Rather, it is providing network connectivity to a large number of client devices, with good throughput, stable connection, and robust responses to environmental changes that is most important. With the updated WiFi 6 (802.11ax) technology such as OFDMA, upstream and downstream MU-MIMO, and increased speeds, coverage, and capacity, you can feel confident that you're getting the highest performance WiFi that's set for years to come! Plus the assurance that you can now add more connected devices on your business WiFi network without any slowdowns or blind spots.

The WAX615, a WiFi 6 business access point, combined with Insight, helps small and medium businesses with an easy way to manage their network without an IT expert, providing great WiFi connection leaving each of their customers satisfied as a network user. NETGEAR empowers businesses with an all new WiFi 6 business access point for high performance and high coverage for the years to come.

The WAX615 is compatible with WAC510, WAC564, WAX610, WAX610Y, WAX620, WAX630, WAX630E Insight managed access points to form a scalable wireless network.



## Business Features for higher speed, greater coverage and higher density WiFi

- Business class WiFi based on next ٠ generation 802.11ax WiFi 6 technology on both 5GHz and 2.4GHz bands. (Backward compatible to 802.11b/g/ n/a/ac)
- Dual band 2x2 (2.4GHz and 5GHz) 4 streams of data for an aggregate throughput of up to 3Gbps
- Instant WiFi Mesh forming wireless ٠ backhaul with other WAC540, WAC564, WAX610, WAX610Y, WAX620, WAX630, or WAX630E units to form a WiFi mesh network
- 160MHz channelization on the 5GHz allows 100% more throughput than WiFi 6 Release 1 80MHz channelization
- 4 times more client device supported

Other Network

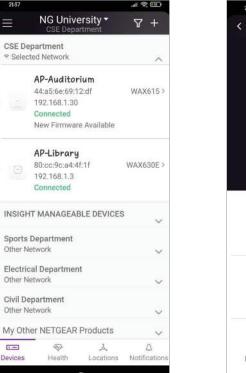
Other Network

Other Network

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Devices

- Enterprise security and Enhanced Open security, such as WPA3/WPA3 Enterprise, 8x SSID and VLAN
- Basic Service Set Coloring (BSS Coloring) enabling significant improvement in radio frequency channel effeciency and reduction of interference
- Orthogonal Frequency Division Multiple Access (OFDMA) allowing simultaneous services to multiple devices in the same channel thus improving bandwidth efficiency and reducing latency
- 2.5GbE port, backward compatible with 100/1000Mbps Ethernet, supported by NETGEAR GSM4210P, MS510TXPP and other multi-gig Ethernet switches





- Target Wake Time (TWT) allows more efficient power usage resulting in longer battery life in WiFi 6 client devices
- Beamforming+; Advanced 6th generation WiFi technology such as up and downstream MU-MIMO
- One 802.3at 2.5Gbps PoE port: Remote management and monitoring from NETGEAR Insight app or Cloud portal for unrivaled management experience of your wireless network
- App managed for faster installation through NETGEAR Insight app or Cloud portal with no additional hardware needed
- Market leading 5-year warranty with 24/7 chat support for peace of mind

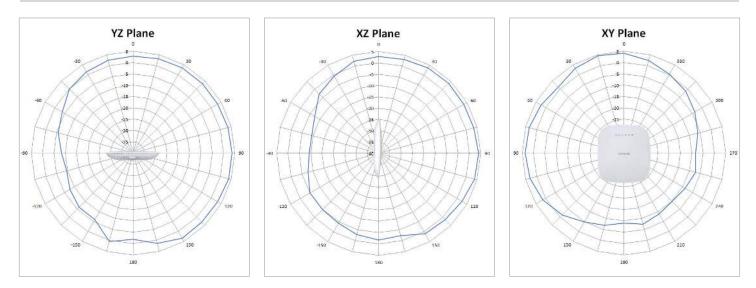
| Overview                   | ^                       |
|----------------------------|-------------------------|
| Client Name                | Salauddin-MAC           |
| MAC Address                | a0:78:17:9c:f4:f2       |
| IP Address                 | 192.168.1.24            |
| os                         | Mac OS X                |
| Associated Device          | AP-Auditorium           |
| Device Model               | WAX615                  |
| Association Mar<br>Granted | 15, 2022, 09:22:59 p.m. |
| Signal Strength 🛈          | 🤝 RSSI -49              |
| BSSID                      | 44:a5:6e:69:12:e2       |
| SSID                       | WPA2Test5               |
| Mode                       | 11ax                    |
| Radio                      | 5 GHz                   |
| Channel                    | 48                      |
| VLAN ID                    | 1                       |
| Roaming                    | History                 |



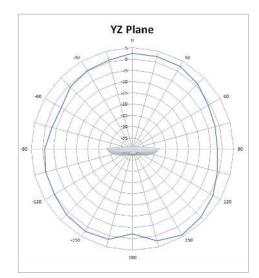
Data Sheet | **WAX615** Insight Managed WiFi 6 AX3000 Dual-Band Multi-Gig PoE Wireless Access Point

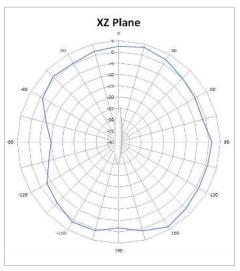
### Radio Patterns for WAX615

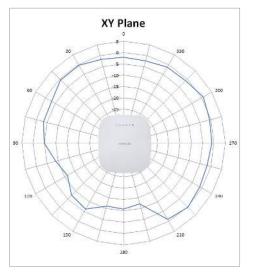
#### Radio Pattern for 2.4GHz



#### Radio Pattern for 5GHz



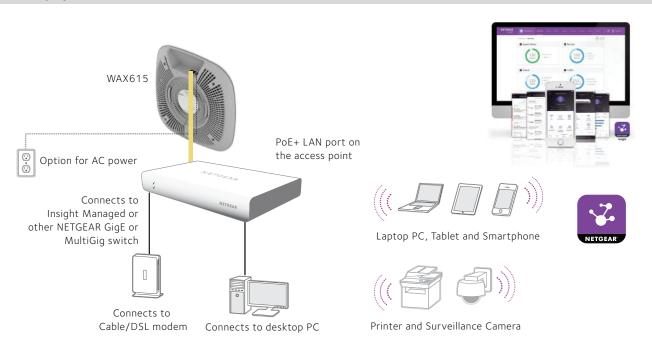






## **Example Application**

#### WAX615 Deployment Scenario





## Product Comparison

| Product Comparison                                     | WAX610  | WAX615  | WAX620  | WAX630   | WAX630E  |
|--|---|---|---|--|--|
| WiFi Standards   | 5GHz: 802.11a/n/ac/ax<br>2.4GHz: 802.11b/g/n/ax | 5GHz: 802.11a/n/ac/ax<br>2.4GHz: 802.11b/g/n/ax | 5GHz: 802.11a/n/ac/ax<br>2.4GHz: 802.11b/g/n/ax | 5GHz: 802.11a/n/ac/ax<br>2.4GHz: 802.11b/g/n/ax                | 6GHz: 802.11ax<br>5GHz: 802.11a/n/ac/ax<br>2.4GHz: 802.11b/g/n/ax  |
| Wireless Mode (Transmit x Receive)                     | 2x2 in 5GHz<br>2x2 in 2.4GHz                    | 2x2 in 5GHz<br>2x2 in 2.4GHz                    | 4x4 in 5GHz<br>4x4 in 2.4GHz                    | 4x4 in 5GHz H<br>4x4 in 5GHz L<br>4x4 in 2.4GHz                | 2x2 in 6GHz<br>4x4 in 5GHz<br>2x2 in 2.4GHz                        |
| Channelization   | 5GHz: 20/40/80MHz<br>2.4GHz: 20/40MHz           | 5GHz: 20/40/80/160MHz<br>2.4GHz: 20/40MHz       | 5GHz: 20/40/80MHz<br>2.4GHz: 20/40MHz           | 5GHz H: 20/40/80MHz<br>5GHz L: 20/40/80MHz<br>2.4GHz: 20/40MHz | 5GHz: 20/40/80/160MHz<br>6GHz: 20/40/80/160MHz<br>2.4GHz: 20/40MHz |
| OFDM/OFDMA   | OFDM and OFDMA                                  | OFDM and OFDMA                                  | OFDM and OFDMA                                  | OFDM and OFDMA   | OFDM and OFDMA   |
| BSS Coloring   | Yes   | Yes   | Yes   | Yes  | Yes  |
| Multi-User MIMO  | Bidir MU-MIMO                                   | Bidir MU-MIMO                                   | Bidir MU-MIMO                                   | Bidir MU-MIMO  | Bidir MU-MIMO  |
| Target Wake Time (TWT) <sup>2</sup>                    | Yes   | Yes   | Yes   | Yes  | Yes  |
| Maximum Theoretical Throughput                         | AX1800 1.8Gbps                                  | AX3000 3Gbps                                    | AX3600 3.6Gbps                                  | AX6000 6Gbps   | AXE7800 7.8Gbps  |
| Maximum Theoretical Throughput<br>per Band             | 5GHz: 1200Mbps<br>2.4GHz: 600Mbps               | 5GHz: 2400Mbps<br>2.4GHz: 600Mbps               | 5GHz: 2400Mbps<br>2.4GHz: 1200Mbps              | 5GHz H: 2400Mbps<br>5GHz L: 2400Mbps<br>2.4GHz: 1200Mbps       | 6GHz: 2400Mbps<br>5GHz: 4800Mbps<br>2.4GHz: 600Mbps                |
| Antenna Gain   | Internal 3.8/4.5dBi<br>(2.4GHz/5GHz)            | Internal 2.9/2.8dBi<br>(2.4GHz/5GHz)            | Internal 3.1/4.3 dBi<br>(2.4GHz/5GHz)           | Internal 2.9/4.4/4.9 dBi<br>(2.4GHz/5GHz L/5GHz H)             | Internal 4.4/6.3/3.1 dBi<br>(2.4GHz/5GHz/6GHz)                     |
| Power over Ethernet (PoE)                              | 802.3at/af                                      | 802.3at/af                                      | 802.3at/af                                      | 802.3bt/at   | 802.3bt/at   |
| PoE Power Consumption                                  | 15.3W   | 21.2W   | 25.5W   | 30.1W  | 27.64W   |
| Centralized Management                                 | Insight App                                     | Insight App                                     | Insight App                                     | Insight App  | Insight App  |
| Secure Socket Layer (SSL)                              | Yes   | Yes   | Yes   | Yes  | Yes  |
| Router Mode  | No  | No  | No  | No   |  |
| Wireless Distribution System (WD                       | S)  |   |   |  |  |
| Repeater   | Yes   | Yes   | Yes   | Yes  | Yes  |
| Bridge Point-to-point/Multi-point                      | Yes   | Yes   | Yes   | Yes  | Yes  |
| Simultaneous Bridge and Wireless<br>Client Association | Yes   | Yes   | Yes   | Yes  | Yes  |
| Security   |   |   |   |  |  |
| WiFi Protected Access (WPA/WPA2/<br>WPA3), 802.11i     | Yes   | Yes   | Yes   | Yes  | Yes  |
| MAC address filtering with access control              | Yes   | Yes   | Yes   | Yes  | Yes  |
| 802.1x RADIUS support with EAP<br>TLS, TTLS, PEAP      | Yes   | Yes   | Yes   | Yes  | Yes  |
| Neighbor AP detection                                  | Yes   | Yes   | Yes   | Yes  | Yes  |
| Block SSID Broadcast                                   | Yes   | Yes   | Yes   | Yes  | Yes  |
| VLAN Support   | Yes   | Yes   | Yes   | Yes  | Yes  |
| Guest Network/Captive Portal                           | Yes   | Yes   | Yes   | Yes  | Yes  |
| Bandwidth management                                   | Yes   | Yes   | Yes   | Yes  | Yes  |
| Link Layer Discovery Protocol                          | Yes   | Yes   | Yes   | Yes  | Yes  |
| Bandsteering   | Yes   | Yes   | Yes   | Yes  | Yes  |
| Instant WiFi Mesh                                      |   |   |   |  |  |
| Wireless backhaul to form Mesh<br>Network              | Yes   | Yes   | Yes   | Yes  | Yes  |



## **Technical Specifications**

| Interface(RJ-45) ports with Auto Uplink™ (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)(RJ-45) ports with Auto Uplink™ (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)  |                                    |   |   |
|--|------------------------------------|---|---|
| MMM Wireless Multimedia Proritization         Yes         Yes           WDS Wireless Distribution System         Yes         Yes           Power over Ethernet (PoE)/ IEEE 802.3af         Yes, approximately 60% of<br>full throughput performance         full throughput performance           Power over Ethernet (PoE)/ IEEE 802.3at         Yes         Yes           POWER Over Ethernet (PoE)/ IEEE 802.3at         Yes         Yes           Physical Specifications         Yes         Yes           Dimensions W x D x H         (6.33 x 6.33 x 1.30 in)<br>160.9 x 160.9 x 33.25 mm         9.5 x 9.5 x 9.5 x 1.56 in<br>(241.5 x 241.5 x 40.2 mm)           Weight         412 g (0.90 lb)         727 g (1.6 lb)           Environmental Specifications         0° to 40°C(32° to 104°F)           Operating temperature         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Physical Interface         One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ 45) ports with Auto Uplink <sup>TM</sup> (Auto MDIX)<br>supporting IEEE 802.3af or 802.3at Power ove<br>Ethernet (PoE)         Tower and Cloud connection; LAN<br>supporting IEEE 802.3af or 802.3at Power ove<br>Ethernet (PoE)           Power adapter (not included)         12VDC, 25A; plug is localized to country of sat         Toy C2, 25A; plug is localized to country of sat           UFPA and MYAB S Interprise         Yes         Sourcity         Sourcity           WPA2 and MYAB S Interprise         Yes   | Standards                          | WAX610  | WAX615  |
| WDS Wireless Distribution System     Yes     Yes       Power over Ethernet (PoE) IEEE 802.3af     full throughput performance     full throughput performance       Power over Ethernet (PoE) IEEE 802.3at     Yes     Yes       OFDM/OFDMA     Yes     Yes       Physical Specifications     Yes     Yes       Dimensions Wx Dx H     (6.33 x 6.33 x 1.30 in)<br>160.9 x 160.9 x 32.25 mm     9.5 x 9.5 x 1.58 in<br>(241.5 x 241.5 x 40.2 mm)       Weight     412 g (0.90 lb)     727 g (1.6 lb)       Environmental Specifications     0° to 40°C(32° to 104°F)     0° to 40°C(32° to 104°F)       Physical Interfaces     One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink™ (Auto MDIX)<br>supporting IEEE 802.3af or 802.3a R hower owe<br>Ethernet (PoE)     One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink™ (Auto MDIX)<br>supporting IEEE 802.3af or 802.3a R hower owe<br>Ethernet (PoE)     One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink™ (Auto MDIX)<br>supporting IEEE 802.3af or 802.3a R hower owe<br>Ethernet (PoE)     Yes       Power adapter (not included)     12VDC, 2.5A; plug is localized to country of sat     12VDC, 2.5A; plug is localized to country of sat       Security     Yes     Yes     Yes       WiFe Protected Access*     Yes     Yes     Yes       WiFe Arss authentication     Yes     Yes     Yes       MAC address authentication     Yes     Yes     Yes       MiXed Advess   |                                    | Yes   |   |
| Power over Ethernet (PoE) IEE 802.3af         Yes approximately 60% of full throughput performance         Yes approximately 60% of full throughput performance           Power over Ethernet (PoE) IEE 802.3at         Yes         Yes           OFDM/OFDMA         Yes         Yes           Physical Specifications         (6.33 x6.33 x1.30 in)         9.5 x9.5 x1.58 in (241 x5.421 x 402 cm)           Weight         412 g (0.90 lb)         727 g (1.6 lb)           Environmental Specifications         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Operating temperature         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Physical Interfaces         One 100/1000/2.5GBASET Gigabit Ethernet (R.45) ports with Auto Uplink™ (Auto MDDA) supporting IEE 802.34 or 802.   |                                    |   |   |
| Nome over Ethernet (NoE) IEEE 002.3at         full throughput performance         full throughput performance           Power over Ethernet (NoE) IEEE 002.3at         Yes         Yes           OPDM/OFDMA         Yes         Yes           Physical Specifications         (241.5 x 241.5 x 40.2 mm)         (241.5 x 241.5 x 40.2 mm)           Weight         412 g (0.90 lb)         727 g (1.6 lb)           Environmental Specifications         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Physical Interfaces         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Physical Interface         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Physical Interfaces         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Power adapter (not included)         12V DC, 2.5A plug is localized to country of sel         (RJ-45) ports with Auto Uplink™ (Auto MDI/S) supporting IEEE 802.3af or 802.3af o  | WDS Wireless Distribution System   |   |   |
| OFDM/OFDMAYesYesPhysical SpecificationsDimensions W x D x H(6.33 x 6.33 x 1.30 in)<br>(6.03 x 6.03 x 3.25 mm)9.5 x 9.5 x 1.58 in)<br>(241.5 x 241.5 x 40.2 mm)Weight412 g (0.90 lb)7.27 g (1.6 lb)Bridge moders of the second of |                                    |   |   |
| Physical Specifications         Dimensions W x D x H       (6.33 x 6.33 x 1.30 in)<br>160.9 x 160.9 x 33.25 mm       9.5 x 9.5 x 1.58 in<br>(241.5 x 241.5 x 40.2 mm)         Weight       412 g (0.90 lb)       727 g (1.6 lb)         Environmental Specifications       0° to 40°C(32° to 104°F)       0° to 40°C(32° to 104°F)         Operating temperature       0° to 40°C(32° to 104°F)       0° to 40°C(32° to 104°F)         Physical Interfaces       One 100/1000/2.5GBASET Gigabit Ethemet<br>(RJ-45) ports with Auto Uplink <sup>™</sup> (Auto MDJ-X)<br>supporting IEEE 802.31 or 802.3at Power ove<br>Ethemet (PoE)       0° to 100/1000/2.5GBASET Gigabit Ethemet<br>(RJ-45) ports with Auto Uplink <sup>™</sup> (Auto MDJ-X)<br>supporting IEEE 802.31 or 802.3at Power ove<br>Ethemet (PoE)       0° to 100/1000/2.5GBASET Gigabit Ethemet<br>(RJ-45) ports with Auto Uplink <sup>™</sup> (Auto MDJ-X)<br>supporting IEEE 802.31 or 802.3at Power ove<br>Ethemet (PoE)         Power adapter (not included)       12V DC, 2.5A; plug is localized to country of sal<br>Security       12V DC, 2.5A; plug is localized to country of sal<br>Security         WiFi Protected Access <sup>®</sup><br>(WPA 2 and WPA3 Enterprise       Yes       12V DC, 2.5A; plug is Calized to country of sal<br>Security       Yes         MAC address authentication       Yes       Yes       12V DC, 2.5A; plug is Calized to country of sal<br>Security       Yes         NETGEAR Insight App       App management for setup, monitoring and management       Yes       12V DC, 2.5A; plug is Calized to country of sal<br>Security       12V DC, 2.5A; plug is Calized to country of sal<br>Security <td< td=""><td></td><td></td><td></td></td<>  |                                    |   |   |
| Dimensions W × D × H         (6.33 × 6.33 × 1.30 in)<br>160.9 × 160.9 × 33.25 mm         9.5 × 9.5 × 1.58 in<br>(241.5 × 241.5 × 40.2 mm)           Weight         412 g (0.90 lb)         727 g (1.6 lb)           Environmental Specifications         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Operating temperature         0° to 40°C(32° to 104°F)         0° to 40°C(32° to 104°F)           Physical Interfaces         One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ 45) ports with Auto Uplink™(Auto MDI/X)<br>SUPporting IEEE 802.3af or 802.3af Power ow<br>Ethernet (PoE)         One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ 45) ports with Auto Uplink™(Auto MDI/X)<br>supporting IEEE 802.3af or 802.3af Power ow<br>Ethernet (PoE)         One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ 45) ports with Auto Uplink™(Auto MDI/X)<br>supporting IEEE 802.3af or 802.3af Power ow<br>Ethernet (PoE)         One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ 45) ports with Auto Uplink™(Auto MDI/X)<br>supporting IEEE 802.3af or 802.3af Power ow<br>Ethernet (PoE)         One 100/1000/2.5GBASET Gigabit Ethernet<br>(RJ 45) ports with Auto Uplink ™(Auto MDI/X)<br>supporting IEEE 802.3af or 802.3af Power ow<br>Ethernet (PoE)         One 100/1000/2.5GBASET Gigabit Ethernet<br>(Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         One 100/1000/2.5GBASET Gigabit Ethernet<br>Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         Sourt (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         Sourt (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         Sourt (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         Sour (4): Power and Cloud connection; LAN<br>speed; 2.4GHz stat   | OFDM/OFDMA                         | Yes   | Yes   |
| Dimensions WX DX H160.9 x 160.9 x 33.25 mm(241.5 x 40.2 mm)Weight412 g (0.90 lb)727 g (1.6 lb)Environmental SpecificationsOperating temperature0° to 40°C(32° to 104°F)0° to 40°C(32° to 104°F)Physical InterfacesOne 100/1000/2.5GBASET Gigabit Etherner<br>(RJ-45) ports with Auto Uplink™ (Auto MDLX)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (P6E)One 100/1000/2.5GBASET Gigabit Etherner<br>(RJ-45) ports with Auto Uplink™ (Auto MDLX)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (P6E)Power adapter (not included)12V DC, 2.5A; plug is localized to country of sal<br>speed; 2.4GHz status; 5GHz status; 5GHz statusFour (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status; 5GHz statusSecurityYesYesWIFP Protected Access*YesYesWireless access control to identify<br>authorized wireless network devicesApp management for setup.YesNetwork ManagementApp management for setup.YesNetwork ManagementSetup management for setup.Setup managementAcdadress authenticationApp management for setup.Setup managementAcdadress Distribution System (WDS)Bridge mode: Point-to-multipoint wireless<br>Bridge mode: Point-to-multipoint wireles  | Physical Specifications            |   |   |
| Environmental Specifications         Operating temperature       0° to 40°C(32° to 104°F)       0° to 40°C(32° to 104°F)         Physical Interfaces       One 100/1000/2.5GBASE-T Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)       One 100/1000/2.5GBASE-T Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)       One 100/1000/2.5GBASE-T Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)         Power adapter (not included)       12V DC, 2.5A; plug is localized to country of sale       12V DC, 2.5A; plug is localized to country of sale         LED       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         ViFi Protected Access*<br>(WPA, WPA2, WPA3)       Yes       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         Wireless access control to identify<br>authorized wireless network devices       Yes       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHZ status         NETGEAR Insight App       App management for setup, monitoring and management       Advanced Wireless         Activated Wireless       Bridge mode: Point-opoint wireless<br>Bridge mode: Point-onultipoint wireless         Bridge mode: Point-to-multipoint wireless       Bridge mode: Point-opoint wireless         Bridge mode: Poi   | Dimensions W x D x H               |   |   |
| Operating temperature       0° to 40°C(32° to 104°F)       0° to 40°C(32° to 104°F)         Physical Interfaces       One 100/1000/2.5GBASET Gigabit Etherner (RJ-45) ports with Auto Uplink™(Auto MD/N) supporting IEEE 802.3af or 802.3at Power ove Ethernet (PoE)       Nor 100/1000/2.5GBASET Gigabit Etherner (RJ-45) ports with Auto Uplink™(Auto MD/N) supporting IEEE 802.3af or 802.3at Power ove Ethernet (PoE)         Power adapter (not included)       12V DC, 2.5A; plug is localized to country of sal       12V DC, 2.5A; plug is localized to country of sal         LED       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status         VPA2 and WPA3 Entreprise       Yes       Ves       Security       Yes         Wireless access control to identify<br>authorized wireless network devices       Yes       Yes       Yes       Yes         NETGEAR Insight App       App management for setup.molitoriang and management       Advanced Wireless       Bridge mode: Point-to-point wireless       Bridge mode: Point-to-point wireless         NETGEAR Insight App       App management for setup.molitori wireless       Bridge mode: Point-to-point wireless       Bridge mode: Point-to-point wireless         Striedes Distribution System (WDS)       Bridge mode: Point-to-point wireless       Repeatr mod   | Weight                             | 412 g (0.90 lb)   | 727 g (1.6 lb)  |
| Physical Interfaces       One 100/1000/2.5GBASE-T Gigabit Ethemet (RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDLY) supporting IEEE 802.3af or 802.3at Power over Ethernet (PoE)       One 100/1000/2.5GBASE-T Gigabit Ethemet (RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDLY) supporting IEEE 802.3af or 802.3at Power over Ethernet (PoE)         Power adapter (not included)       12V DC, 2.5A; plug is localized to country of sale       12V DC, 2.5A; plug is localized to country of sale         LED       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status         Security       ViFi Protected Access®       Yes         WIFi Protected Access®       Yes         WIRE scacess control to identify authorized wireless network devices       Yes         MAC address authentication       Yes         NETGEEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless Bridge mode: Point-to-multipoint wireless         Bridge mode: Point-to-multipoint wireless       Bridge mode: Point-to-multipoint wireless         Bridge mode: Point-to-multipoint wireless       Bridge mode: Point-to-multipoint wireless         Bridge mode: Point-to-multipoint wireless       Repeater mode         Adjustable Transmit Power Control (TPC)       Adjustable Transmit Power Control (TPC)  | Environmental Specifications       |   |   |
| One 100/1000/2.5GBASE-T Gigabit Ethermet<br>(RJ-45) ports with Auto Uplink™ (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)       One 100/1000/2.5GBASE-T Gigabit Ethermet<br>(RJ-45) ports with Auto Uplink™ (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE)         Power adapter (not included)       12V DC, 2.5A; plug is localized to country of sale       12V DC, 2.5A; plug is localized to country of sale         LED       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN<br>speed; 2.4GHz status; 5GHz status         VIFI Protected Access®       Yes         WiFi Protected Access®       Yes         WPA2 and WPA3 Enterprise       Yes         MAC address authentication       Yes         Network Management       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless<br>Bridge mode: Point-to-multipoint wireless<br>Bridge mode: Point-to-multipoint wireless<br>Bridge mode: Point-to-multipoint wireless<br>Repeater mode<br>Adjustable Transmit Power Control (TPC)   | Operating temperature              | 0° to 40°C(32° to 104°F)  | 0° to 40°C(32° to 104°F)  |
| Interface       (RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDI-X) supporting IEEE 802.3af or 802.3at Power over Ethermet (PoE)       (RJ-45) ports with Auto Uplink <sup>TM</sup> (Auto MDI-X) supporting IEEE 802.3af or 802.3at Power over Ethermet (PoE)         Power adapter (not included)       12V DC, 2.5A; plug is localized to country of sale       12V DC, 2.5A; plug is localized to country of sale         LED       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status         Security       Ves       Ves         WiPA2 and WPA3 Enterprise       Yes         Wireless access control to identify authorized wireless network devices       Yes         NAC address authentication       Yes         NETGEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless Bridge mode: Point-to-multipoint wireless Repeater mode         Mireless Distribution System (WDS)       Repeater mode   | Physical Interfaces                |   |   |
| LED       Four (4): Power and Cloud connection; LAN speed; 2.4GHz status; 5GHz status         Security         WiF1 Protected Access®       Yes         WPA2 and WPA3 Enterprise       Yes         Wireless access control to identify authorized wireless network devices       Yes         MAC address authentication       Yes         NETGEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless         Bridge mode: Point-to-point wireless       Bridge mode: Point-to-multipoint wireless         Wireless Distribution System (WDS)       Repeater mode         Adjustable Transmit Power Control (TPC)       Adjustable Transmit Power Control (TPC)   | Interface                          | (RJ-45) ports with Auto Uplink™ (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over | One 100/1000/2.5GBASE-T Gigabit Ethernet<br>(RJ-45) ports with Auto Uplink™ (Auto MDI-X)<br>supporting IEEE 802.3af or 802.3at Power over<br>Ethernet (PoE) |
| LED       speed; 2.4GHz status; 5GHz status       speed; 2.4GHz status; 5GHz status         Security       Ves         WiPA2, WPA3)       Yes         WPA2 and WPA3 Enterprise       Yes         Wireless access control to identify<br>authorized wireless network devices       Yes         MAC address authentication       Yes         Network Management       Yes         NETGEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless<br>Bridge mode: Point-to-multipoint wireless         Wireless Distribution System (WDS)       Repeater mode<br>Adjustable Transmit Power Control (TPC)   | Power adapter (not included)       | 12V DC, 2.5A; plug is localized to country of sale  | 12V DC, 2.5A; plug is localized to country of sale  |
| WiFi Protected Access®YesWiFi Protected Access®YesWPA2 and WPA3 EnterpriseYesWireless access control to identify<br>authorized wireless network devicesYesMAC address authenticationYesNetwork ManagementYesNETGEAR Insight AppApp management for setup, monitoring and managementAdvanced WirelessBridge mode: Point-to-point wireless<br>Bridge mode: Point-to-multipoint wireless<br>Bridge mode: Point-to-multi   | LED                                |   |   |
| YesWPA2 and WPA3 EnterpriseYesWireless access control to identify<br>authorized wireless network devicesYesMAC address authenticationYesNetwork ManagementYesNETGEAR Insight AppApp management for setup, monitoring and managementAdvanced WirelessBridge mode: Point-to-point wireless<br>Bridge mode: Point-to-multipoint wireless<br>Bridge MathematiceBridge MathematiceB   | Security                           |   |   |
| Wireless access control to identify       Yes         MAC address network devices       Yes         MAC address authentication       Yes         Network Management       Yes         NETGEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless         Bridge mode: Point-to-point wireless       Bridge mode: Point-to-multipoint wireless         Wireless Distribution System (WDS)       Repeater mode         Adjustable Transmit Power Control (TPC)       Adjustable Transmit Power Control (TPC)   |                                    | Yı  | es  |
| authorized wireless network devices     Yes       MAC address authentication     Yes       Network Management     Yes       NETGEAR Insight App     App management for setup, monitoring and management       Advanced Wireless     Bridge mode: Point-to-point wireless       Bridge mode: Point-to-point wireless     Bridge mode: Point-to-multipoint wireless       Wireless Distribution System (WDS)     Repeater mode   | WPA2 and WPA3 Enterprise           | Y   | es  |
| Network Management         NETGEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless         Bridge mode: Point-to-multipoint wireless       Bridge mode: Point-to-multipoint wireless         Wireless Distribution System (WDS)       Repeater mode         Adjustable Transmit Power Control (TPC)       App management for setup, monitoring and management   |                                    | Yı  | es  |
| NETGEAR Insight App       App management for setup, monitoring and management         Advanced Wireless       Bridge mode: Point-to-point wireless         Bridge mode: Point-to-multipoint wireless       Bridge mode: Point-to-multipoint wireless         Wireless Distribution System (WDS)       Repeater mode         Adjustable Transmit Power Control (TPC)       Adjustable Transmit Power Control (TPC)  | MAC address authentication         | Y   | es  |
| Advanced Wireless Bridge mode: Point-to-point wireless Bridge mode: Point-to-multipoint wireless Bridge mode: Point-to-multipoint wireless Repeater mode Adjustable Transmit Power Control (TPC)   | Network Management                 |   |   |
| Bridge mode: Point-to-point wireless<br>Bridge mode: Point-to-multipoint wireless<br>Wireless Distribution System (WDS)<br>Repeater mode<br>Adjustable Transmit Power Control (TPC)  | NETGEAR Insight App                | App management for setup,   | monitoring and management   |
| Wireless Distribution System (WDS)Bridge mode: Point-to-multipoint wireless<br>Repeater mode<br>Adjustable Transmit Power Control (TPC)  | Advanced Wireless                  |   |   |
|  | Wireless Distribution System (WDS) | Bridge mode: Point-t<br>Repeate<br>Adjustable Transmit  | to-multipoint wireless<br>er mode<br>Power Control (TPC)  |



#### **Technical Specifications**

| Package Contents                       | WAX615                              |
|--|-------------------------------------|
|  | WAX615 Insight managed              |
|  | wireless access point               |
|  | Wall/ceiling mount kit              |
|  | Installation guide                  |
| Warranty and Support                   |                                     |
| Hardware Limited Warranty              | 5 years                             |
| Next-Business-Day (NBD) Replacement    | 5 years                             |
| Technical support (online, phone)      | 90 days free from date of purchase* |
|  | PMB0311-10000S, 1 year              |
| ProSUPPORT OnCall 24x7 Service Packs** | PMB0331-10000S, 3 years             |
|  | PMB0351-10000S, 5 years             |
| Ordering Information                   |                                     |
| WAX615-100APS                          | Asia Pacific                        |
| WAX615-100EUS                          | Europe                              |
| WAX615-100NAS                          | US                                  |
| WAX615PA-100NAS                        | US (Power adapter included)         |
| Compatible Power Adapters from NETGE   | AR                                  |
| PAV12V-100AUS                          | Australia and New Zealand           |
| PAV12V-100EUS                          | Europe except UK                    |
| PAV12V-100NAS                          | US and Canada                       |
| PAV12V-100PRS                          | China                               |
| PAV12V-100UKS                          | UK                                  |
|  |                                     |

\*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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