



WAC124

Compact, powerful and affordable WiFi, designed for small businesses

Strong, consistent WiFi is critical for the growth of your small business. WAC124 provides powerful Dual Band WiFi that is affordable and plug-and-play, without added infrastructure and deployment costs. It delivers the latest in AC WiFi technology and performance to keep your company, employees, and customers connected.

WAC124 is built for plug-and-play installation. Simply connect the WAC124 to your modem, then set it in the middle of your office or a conference room for the best WiFi coverage. No complicated wiring, professional installation, or added IT equipment costs.

WAC124 delivers high-speed WiFi that is affordable and easy to install, without added infrastructure and deployment costs. It's the most cost-effective WiFi solution for small businesses, cafes, retail, small offices, dorm rooms and more. Engineered with the latest in WiFi technology, WAC124 has 3 SSIDs to provide 3 separate networks each at maximum performance to keep your small business admin, employees, and customers connected.

Adding more value, the WAC124 is conveniently equipped with four (4) Gigabit Ethernet ports to further extend the wired network, can be configured as a router and comes with a 3-year hardware warranty and 90 days phone and chat support.

Key Features

- High-performance AC2000 WiFi - Up to 300Mbps+1733Mbps concurrent operation in 2.4GHz and 5GHz for maximum wireless throughput
- Better range with external antennas for maximum coverage
- Can be configured as a router and eliminate the need for another device
- More coverage and Multi-user experience with 4x4 802.11ac MU-MIMO
- 3 SSIDs for 3 separate secure WiFi networks. Ideal for admin, employees and guests or owner network and a guest network for visitors
- Optimal performance and coverage in dense areas with Beamforming and Airtime fairness
- A USB port that can be used to share data from a local HD or a NAS drive
- Backwards compatible with 802.11n devices
- Simple and intuitive graphical user interface
- WPS button for easy one-touch client connectivity
- Four (4) Gigabit Ethernet ports to connect to wired devices
- Provides ironclad wireless security (WPA, WPA2)
- Protect against intruders with MAC based Access List
- NETGEAR 3-year warranty, next-business day replacement (including power adapter)



Sample Deployment Use Cases



Small Offices



Dorms



Home Offices

Target Application



Technical Specifications

Physical Characteristics

Power

- 12V/1.5A (18W) power adapter with country-specific plug
- Power consumption: 16.2W (maximum)

Physical Dimensions

- Dimensions (L x W x H):
9.27X5.94X2.14in
(235.51x150.76x54.5mm)

Weight

- Weight: 0.831lb(377g)

Mounting

- Desktop
- Wall mountable

Interfaces and Indicators

Physical Interfaces

- WAN: One (1) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)
- LAN: Four (4) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)

LEDs

- Power, Internet, WiFi, USB

Buttons

- Default Reset
- WPS
- Power On/Off

Environmental Conditions

Operating Temperature

- 32° to 104°F
(0° to 40°C)

Storage Temperature

- -4° to 158°F
(-20° to 70°C)

Operating Relative Humidity

- 10-90%

Storage Humidity

- 5-95%

MTBF

- @ 25°C > 500,000 hours
- @ 40°C > 390,000 hours

RF Characteristics

Standards

- IEEE 802.11ac specification
- IEEE 802.11n 2.0 specification
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11a

Frequency Band

- 2.4GHz and 5GHz
concurrent operation

Maximum Theoretical Throughput

- 300Mbps (2.4GHz)
- 1733Mbps (5GHz)

Maximum Number of Clients

- 64 (2.4g 32+5g 32)

Network Management

Deployment options

- Standalone
- Web UI

Access Point

- Antenna: 3dBi (external)

Advanced Wireless

- WDS Point-to-point wireless bridge mode
- WDS Point-to-multipoint wireless bridge mode

Security

- Wired Equivalent Privacy (WEP) Encryption
- WiFi Protected Access Pre-shared Key (WPA-PSK, WPA2-PSK)
- MAC Address filtering
- 3 BSSID

MAC ACL

VPN Pass-through

802.11e WMM

- (Wireless multimedia mode) for QoS

Simultaneous Bridge/Client Association

Package Contents

- 802.11ac Wireless AP/Router (WAC124)
- Ethernet cable
- Installation guide
- Power adapter, localized to country of sale
- Warranty/support information card

Warranty and Support

Warranty

- NETGEAR 3-year Warranty*

Safety Certification

- CE (EN60950)

Optional Support

- PMB0351: 5 years OnCall 24x7
- PMB0331: 3 years OnCall 24x7
- PMB0311: 1 year OnCall 24x7

Product Ordering Information

- WAC124-100NAS (North America)
- WAC124-100PES (Europe except UK)
- WAC124-100UKS (UK only)
- WAC124-100CNS (Canada)



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* 3-Year Warranty cover hardware, fans, and internal power supplies - not external power supplies or software. Warranty is only valid for the original purchaser, and modifications to product may void the warranty. See <http://www.netgear.com/about/warranty/> for details. Basic phone support for 90 days from purchase when purchased from a NETGEAR authorized reseller.

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