



WAC120

### Features

The NETGEAR® Dual Band 802.11ac Wireless Access Point (AP) delivers high performance for Small Office and Home Office (SOHO) deployments and supports dual band concurrent operation at 2.4GHz and 5GHz with combined throughput of 1.2 Gbps (300 Mbps at 2.4GHz and 867 Mbps GHz at 5GHz). The WAC120 Wireless 802.11ac Access Point provides standalone configuration with easy setup for a reliable, high-performance, and affordable wireless solution.

#### High performance and superior coverage

- Up to 4x the speed of 802.11n networks
- Maximize coverage for optimal deployment for SOHO

#### Comprehensive security

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

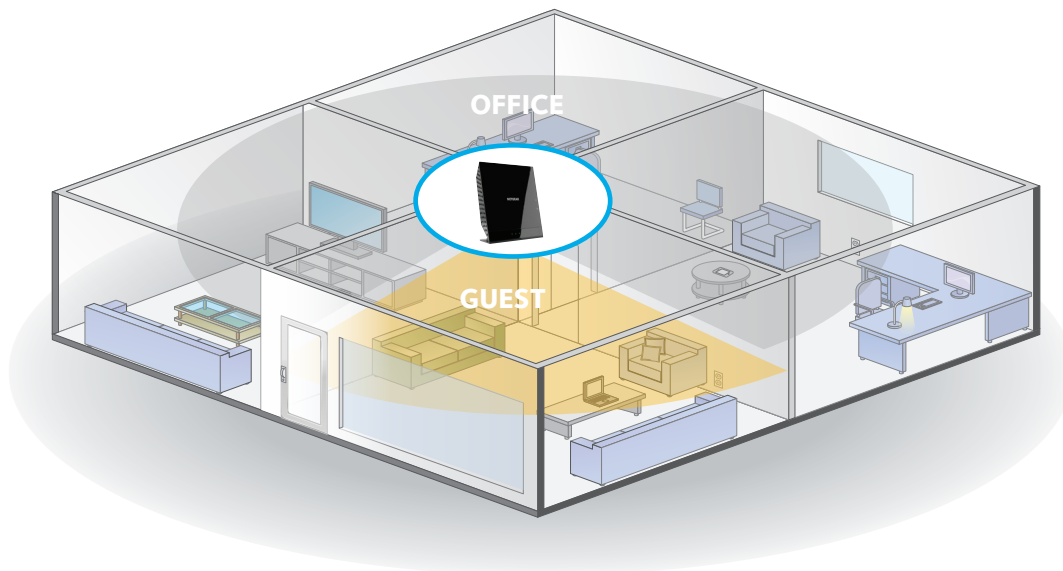
#### Interoperate with both new and legacy clients

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

#### Easy to Configure

- Simple setup in minutes with intuitive Graphical User Interface (GUI)

### Standalone AP Deployment





## Technical Specifications

### Physical Characteristics

#### Power

- Country-specific plug: 12V / 1A (12W)
- 1 Amp power adapter
- Power consumption: 8.1W (maximum)

#### Physical Dimensions

- Dimensions (L x W x H): 7.08 x 6.69 x 2.36 in (180 x 170 x 60 mm)

#### Weight

- Weight: 0.71 lb (322 g)

#### Mounting

- Desktop

### Interfaces and Indicators

#### Physical Interfaces

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

#### LEDs

- Power/Test, ACT, LAN, Wireless

#### Default Reset

### Environmental Conditions

#### Operating Temperature

- 32° to 113° F (0° to 50° C)

#### Storage Temperature

- -4° to 158° F (-20° to 70° C)

#### Operating Relative Humidity

- 10-90%

#### Storage Humidity

- 5-95%

#### MTBF

- @ 25° C > 375,000 hours
- @ 50° C > 125,000 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

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

### Network Management

#### Deployment options

- Standalone
- Web UI

#### Access Point

- Antenna: 2 dBi (internal)

#### Advanced Wireless

- WDS Point-to-point wireless bridge mode
- WDS Point-to-multipoint wireless
- Bridge mode
- Wireless client mode

#### Security

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

#### MAC ACL

#### Wireless Client Mode

#### VPN Pass-through

#### 802.11e WMM

- (Wireless multimedia mode) for QoS

#### Simultaneous Bridge/Client Association

### Technical Specifications

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#### Package Contents

- 802.11ac Wireless AP (WAC120)
- 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

- UL/cUL, CE (EN60950-1)

##### Optional Support

- PMB0351: 5 years OnCall 24x7
- PMB0331: 3 years OnCall 24x7
- PMB0311: 1 year OnCall 24x7
- PRR0351: 5 years XPressHW
- PRR0331: 3 years XPressHW

#### Product Ordering Information

- WAC120-100AUS
- WAC120-100NAS
- WAC120-100PES
- WAC120-100PRS
- WAC120-100UKS