



WAC104

High performance wireless connectivity for Small Office and Home (SOHO) deployments

The NETGEAR[®] Dual Band 802.11ac Wireless Access Point (AP) delivers high performance wireless connectivity for Small Office and Home (SOHO) deployments and

supports dual band concurrent operation at 2.4GHz and 5GHz with combined throughput of 1.2 Gbps (300Mbps at 2.4GHz and 867Mbps at 5GHz). The WAC104 Wireless 802.11ac

Access Point provides standalone configuration with easy setup for a reliable, high-performance, and affordable wireless solution.

Features

Easy to Configure

- Simple setup in minutes with intuitive Graphical User Interface (GUI)
- Comprehensive monitoring with web-based access

High performance and superior coverage

- Dual band concurrent operation between 2.4GHz and 5GHz frequency ranges
- Maximize coverage for optimal deployment for SOHO

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

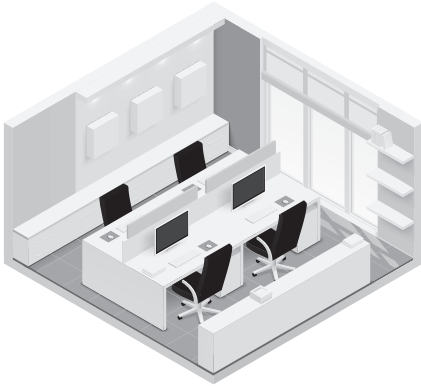
Comprehensive security

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



Sample Deployment Use Cases

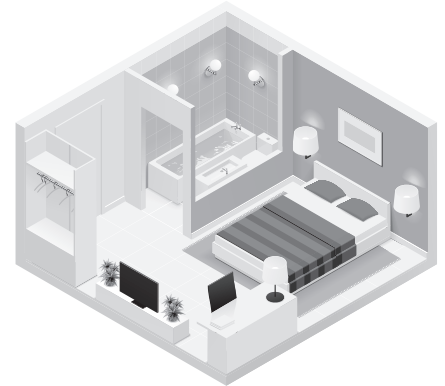
WAC104 Deployment Scenario



Small Offices



Dental Offices



Small Hotels

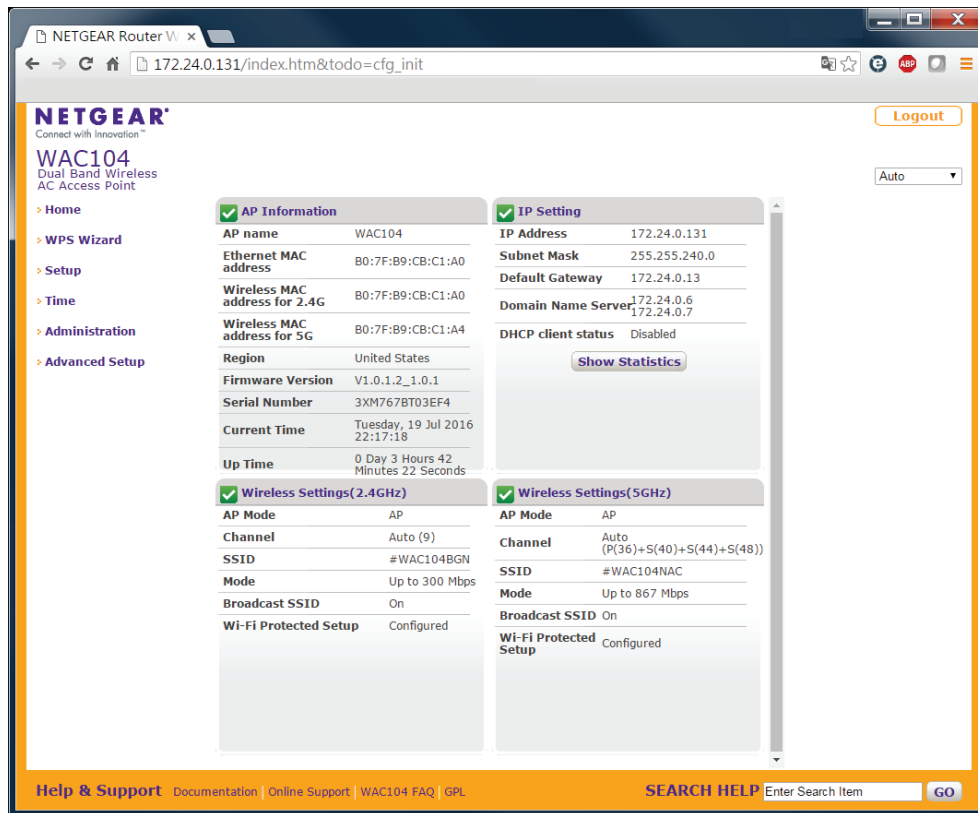
Example Application

WAC104 Deployment Scenario



User Interface

Simple Configuration User Interface



Technical Specifications

Physical Characteristics	
Power	Country-specific plug: 12V/1.5A (18W) 1.5 Amp power adapter Power consumption: 8.1W (maximum)
Physical Specifications	
Dimensions (L x W x H)	9.43 x 7.14 x 1.59in (239.65 x 181.45 x 40.6mm)
Weight	0.84lb (385g)
Mounting options	Desktop standable Wall mountable
Interfaces and Indicators	
Physical Interfaces	Four (4) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)
LEDs	Power, WPS, WiFi, LAN Activity Default Reset
Default Reset	Yes
Environmental Specifications	
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 > 285,000 hours @ 50°C > 100,000 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
Frequency Band	2.4GHz and 5GHz concurrent operation
Maximum Theoretical Throughput	300Mbps (2.4GHz) 867Mbps (5GHz)
Maximum Number of Clients	128
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 1 BSSID

Technical Specifications

Network Management	
MAC ACL	Yes
VPN Pass-through	Yes
802.11e WMM	(Wireless multimedia mode) for QoS
Simultaneous Bridge/Client Association	Yes
Warranty and Support	
Hardware Limited Warranty	3 years
Next-Business-Day (NBD) Replacement	
Technical support (online, phone)	90 days free from date of purchase*
ProSUPPORT OnCall 24x7 Service Packs**	PMB0S11 (1 yr) PMB0S31 (3 yrs) PMB0S51 (5 yrs)
Package Contents	
WAC104	802.11ac Wireless AP (WAC104) Ethernet cable Installation guide Power adapter, localized to country of sale Warranty/support information card
Ordering Information	
WAC104-100AUS	
WAC104-100NAS	
WAC104-100PES	
WAC104-100PRS	
WAC104-100UKS	
WAC104-100INS	

*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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