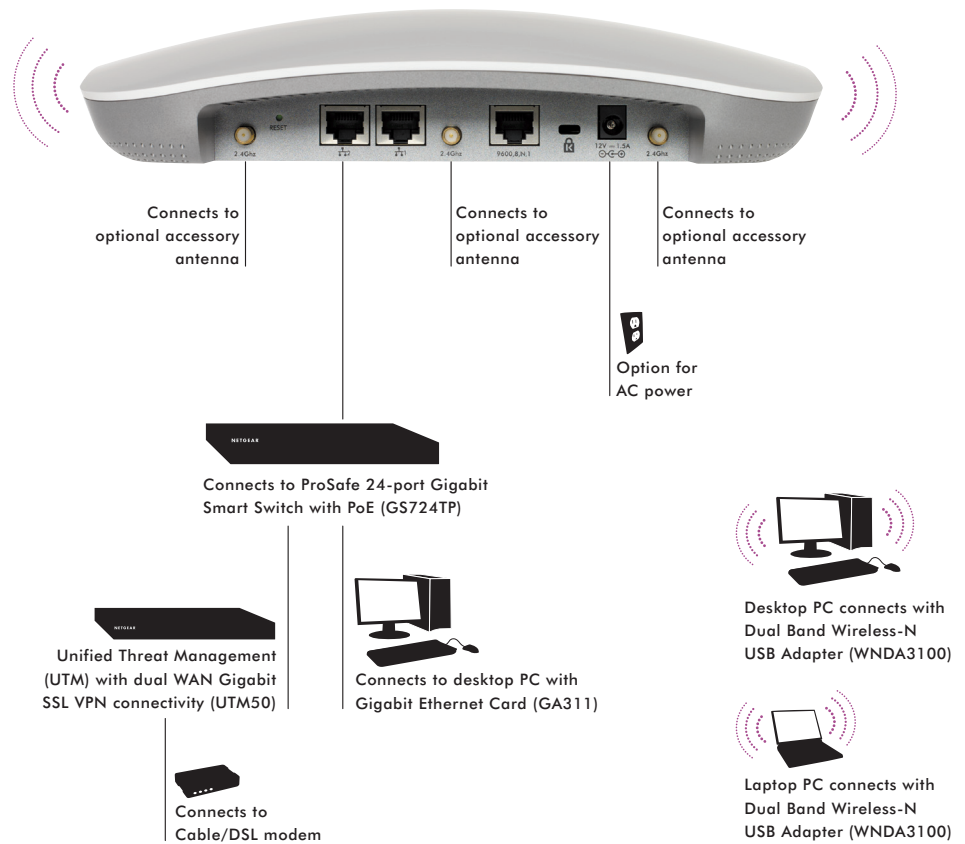


Advanced Speed and Range with Comprehensive Internet Security



- 3 x 3 multiple-input, multiple-output (MIMO) with three spatial streams
- Dual band concurrent in 2.4 and 5 GHz radio band for maximum wireless throughput
- Stylish and elegant design with easy mounting options (e.g., ceiling, wall and desktop)
- Backward compatibility with 802.11a, 802.11g and 802.11b network devices
- Integrated Power over Ethernet (IEEE® 802.3af and 802.3at PoE) lowers deployment costs
- Deploy wireless coverage over large areas with point-to-point and point-to-multipoint bridging via Wireless Distribution System (WDS)
- Security features include WPA, WPA2, rogue AP detection and 802.1x with RADIUS support
- Internal antennas factory-optimized for maximum RF performance
- Advanced Security with Wireless Intrusion Detection (WIDS) and Wireless Intrusion Prevention (WIPS) support
- 802.11n Beamforming to improve range and maximizes data rates
- Device-based QoS to provide differentiated service level agreement to each user and device type
- Bandsteering to load balance clients between 2.4 and 5 GHz
- Redundant dual Ethernet ports to ensure maximum reliability



1-888-NETGEAR (638-4327)  
UK: 0844-875-4000  
Australia: 1300-361-254  
Email: info@NETGEAR.com



Features	ProSafe 3x3 Single Radio, Dual Band Wireless-N Access Point (WNDAP660)	ProSafe 3x3 Single Radio, Dual Band Wireless-N Access Point (WNDAP620)	ProSafe Dual Band Wireless-N Access Point (WNDAP360)	ProSafe Wireless-N Access Point (WNP320)
Frequency	2.4 GHz and 5 GHz	2.4 GHz or 5 GHz	2.4 GHz and 5 GHz	2.4 GHz
Transmit x Receive Radio Chains	3 x 3	3 x 3	2 x 2	2 x 2
Maximum theoretical throughput	450 Mbps	450 Mbps	300 Mbps	300 Mbps
Power over Ethernet (PoE) IEEE 802.3af	⊖	⊙	⊙	⊙
PoE power consumption	10.51 Watts	10.51 Watts	10.75 Watts	5.8 Watts
Wireless Distribution System (WDS)				
Repeater	⊖	⊙	⊙	⊙
Bridge point-to-point/multi-point	⊖	⊙	⊙	⊙
Simultaneous bridge & wireless client association	⊖	⊙	⊙	⊙
Separate bridge and access point	⊖	⊙	⊙	⊙
Client Mode			⊙	⊙
SNMP	v1, v2c	v1, v2c	v1, v2c	v1, v2c
Antenna	Two (2) Internal 5 dBi Three (3) reverse SMA connectors	Two (2) Internal 5 dBi Three (3) reverse SMA connectors	Two (2) Internal 5 dBi Two (2) reverse SMA connectors	Two (2) Internal 5 dBi Two (2) reverse SMA connectors
User support	Up to 128 users	Up to 128 users	Up to 50 users	Up to 64 users
Security				
Wi-Fi Protected Access (WPA/WPA2), 802.11i	⊖	⊙	⊙	⊙
Multiple VPN pass-through support	⊖	⊙	⊙	⊙
MAC address filtering with access control lists—up to 256 users	⊖	⊙	⊙	⊙
802.1x RADIUS support with EAP TLS, TTLS, PEAP	⊖	⊙	⊙	⊙
Rogue AP detection	⊖	⊙	⊙	⊙
Block SSID Broadcast	⊖	⊙	⊙	⊙
Secure SSH Telnet	⊖	⊙	⊙	⊙
Secure Socket Layer (SSL)	⊖	⊙	⊙	⊙
Remote management login	⊖	⊙	⊙	⊙
Peer-to-peer blocking so users may not access another user's PC	⊖	⊙	⊙	⊙
MBSSID/VLAN Support	16/17	16/17	16/17	8/9
WPA Support (WPA2 – Enterprise, 802.11i)	⊖	⊙	⊙	⊙
User Interface	⊖	⊙	⊙	⊙
Browser-based Interface	⊖	⊙	⊙	⊙
Accepts accessory antennas	⊖	⊙	⊙	⊙
Easy ceiling mounting/wall mounting	⊖	⊙		
WIDS	⊖	⊙		
WIPS	⊖	⊙		
Bandwidth management	⊖	⊙		
LLDP	⊖	⊙		
Bandsteering	⊖			

The NETGEAR ProSafe line of business networking products offers a wide array of easy-to-use, professional-grade switching, wireless, software and security solutions. Backed by a lifetime hardware warranty for the original purchaser<sup>‡</sup>, ProSafe products provide an abundance of intelligent, innovative and practical features, addressing the unique

## Technical Specifications

### • Standards

- IEEE 802.11a 5GHz
- IEEE 802.11g, IEEE 802.11b, 2.4GHz
- IEEE 802.11n standard, 2.4GHz and 5GHz
- WMM - Wireless MultiMedia prioritization
- WDS - Wireless Distribution System
- Power over Ethernet (PoE) IEEE 802.3af and 802.3at

### • Physical Specifications

- Physical Dimensions (W x D x H): 253.75 x 253.76 x 54.76 mm (10.0 x 10.0 x 2.16 in)
- Weight: 1.5 kg (3.31 lb)

### • Physical Interfaces

- Two (2) 10/100/1000BASE-T Gigabit Ethernet (RJ-45) ports with Auto Uplink™ (Auto MDI-X) with IEEE 802.3af and 802.3at Power over Ethernet (PoE) support
- Power adapter: 12V DC, 1.5A; plug is localized to country of sale
- One (1) console port with RJ45 Interface
- Three (3) reverse SMA antenna connectors
- Five (5) LED: Power, Link/ACT, LAN, 2.4 GHz, 5 GHz

### • Security

- Wi-Fi Protected Access (WPA, WPA2)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit, and 152-bit encryption
- IEEE 802.1x RADIUS authentication with EAP TLS, TTLS, PEAP
- Wireless access control to identify authorized wireless network devices
- MAC address authentication
- VPN pass-through support
- Secure SSH telnet
- Security Sockets Layer (SSL) remote management login

### • Network Management

- Remote configuration and management through Web browser, SNMP or telnet with command line interface (CLI)
- SNMP management supports SNMP MIB I, MIB II, 802.11 MIB and proprietary configuration MIB

### • Advanced Wireless Features

- Wireless Distribution System (WDS)
  - Bridge mode: Point-to-point wireless WDS mode
  - Bridge mode: Point-to-multipoint wireless WDS mode
  - Repeater mode
  - Adjustable Transmit Power Control (TPC) from 100 mW down to 0 mW

## System Requirements

- 2.4 GHz/5 GHz 802.11n specification or 2.4 GHz 802.11b/g wireless adapter or 5 GHz 802.11a wireless adapter
- Microsoft® Windows® Vista™, XP, 2000, 98, Me, Mac® OS, UNIX®, or Linux®
- Internet Explorer® 6.0 or Mozilla Firefox® 1.5
- We recommend using this product with N600 Wireless Dual Band USB Adapter (WNA3100)

## Package Contents

- ProSafe® Premium Dual Band Wireless-N Access Point (WNDAP660)
- Ethernet cable
- Wall-mount kit
- Installation guide
- Resource CD
- 12V, 1A power supply
- Warranty/support information card

## Warranty

- Access Point: ProSafe Lifetime Warranty
- Power Supply: 3-year Warranty

# NETGEAR®

350 E. Plumeria Drive  
San Jose, CA 95134-1911 USA  
1-888-NETGEAR (638-4327)  
E-mail: [info@NETGEAR.com](mailto:info@NETGEAR.com)  
[www.NETGEAR.com](http://www.NETGEAR.com)

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\*Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

† Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, lower actual data throughput rate.

\*\*Maximum power savings when compared to previous version of this NETGEAR product.

PROSUPPORT

ProSupport Maintenance Services

Optional support packages are available:

OnCall 24x7 advanced technical support

XPressHW next business day hardware replacement

For more information: <http://prosupport.netgear.com>

24/7

TECHNICAL SUPPORT

\*Basic technical support free for 90 days on