NETGEAR®
PROSAFE®

ProSafe® Premium 3 x 3 Dual Band Wireless-N Access Point
WNDAP620

DUAL BAND
N450¹
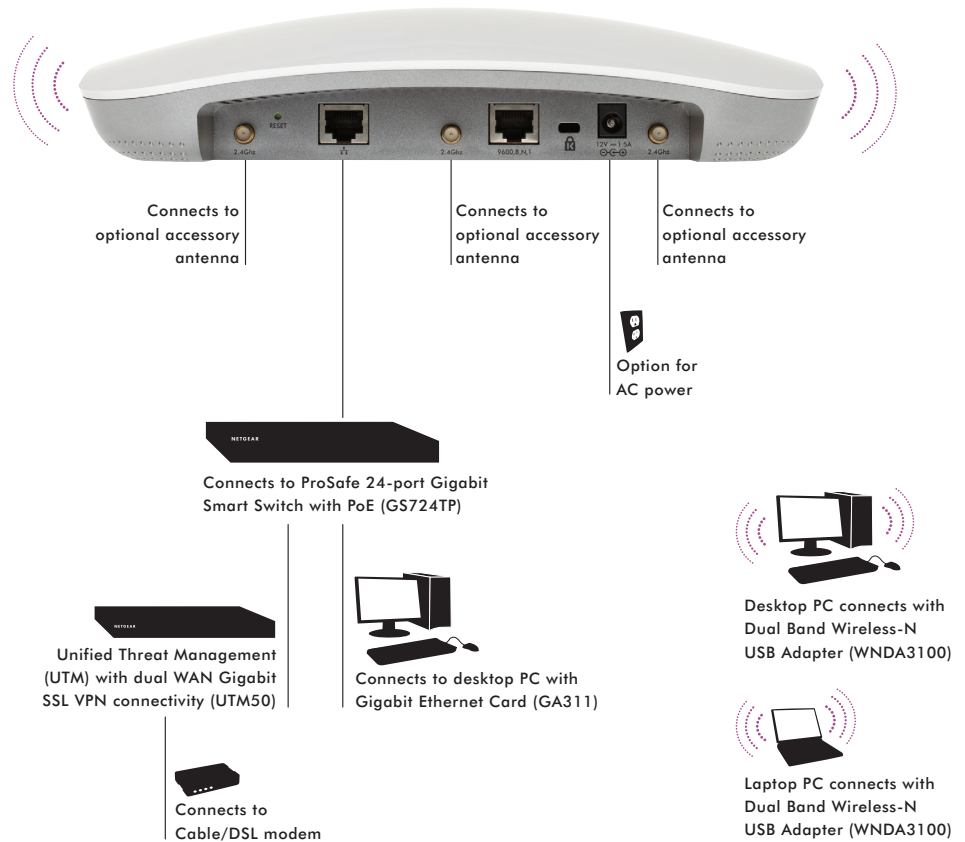**2.4 GHz**
or 5 GHz

Advanced Speed and Range with Comprehensive Internet Security

- 3 x 3 multiple-input, multiple-output (MIMO) with three spatial streams
- Dual band selectable in 2.4 or 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

Connects to optional accessory antenna

Connects to optional accessory antenna

Connects to optional accessory antenna

Option for AC power

Connects to ProSafe 24-port Gigabit Smart Switch with PoE (GS724TP)

Unified Threat Management (UTM) with dual WAN Gigabit SSL VPN connectivity (UTM50)

Connects to desktop PC with Gigabit Ethernet Card (GA311)

Desktop PC connects with Dual Band Wireless-N USB Adapter (WNDA3100)

Connects to Cable/DSL modem

Laptop PC connects with Dual Band Wireless-N USB Adapter (WNDA3100)

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

WiFi CERTIFIED

NETGEAR Green

NETGEAR PROSAFE LIFETIME WARRANTY

Features	ProSafe 3x3 Single Radio, Dual Band Wireless-N Access Point (WNDAP620)	ProSafe Dual Band Wireless-N Access Point (WNDAP360)	ProSafe Wireless-N Access Point (WNAP320)	ProSafe Wireless-N Access Point (WNAP210)
Frequency	2.4 GHz or 5 GHz	2.4 GHz and 5 GHz	2.4 GHz	2.4 GHz
Transmit x Receive Radio Chains	3 x 3	2 x 2	2 x 2	2 x 2
Maximum theoretical throughput	450 Mbps	300 Mbps	300 Mbps	300 Mbps
Power over Ethernet (PoE) IEEE 802.3af	◉	◉	◉	◉
PoE power consumption	10.51 Watts	10.75 Watts	5.8 Watts	6 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 Two (2) reverse SMA connectors	Two (2) Internal 5 dBi Two (2) reverse SMA connectors	Two (2) Internal 5 dBi
User support	Up to 50 users	Up to 50 users	Up to 64 users	Up to 32 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	8/9	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	◉			

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‡, ProSafe products provide an abundance of intelligent, innovative and practical features, addressing the unique requirements of business networks.

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

- One (1) 10/100/1000BASE-T Gigabit Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X) with IEEE 802.3af 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, 2.4GHz, 5GHz

• 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

- 2.4GHz/5GHz 802.11n specification or 2.4GHz 802.11b/g wireless adapter or 5GHz 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 (WNDA3100)

Package Contents

- ProSafe® Premium Dual Band Wireless-N Access Point (WNDAP620)
- 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®

*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.