



Hassle-free, cloud-managed routing for integrators with the Insight Managed Pro Router

The PR460X 10G/Multi-Gigabit Dual-WAN Pro Router with Insight Remote Cloud Management makes it easy to connect and manage internet traffic between wired devices within a secure network.

Developed for residential and commercial applications, this cutting-edge router is designed to meet high-end client needs who

require lightning-fast speeds and exceptional connectivity with remote management capabilities. The Dual-WAN functionality includes failover protection, ensuring uninterrupted internet connectivity for critical applications and services. The sleek, updated form factor of the router is designed for mounting with the ports in the rear, but can be installed reversed with the included rack ears.

The PR460X includes a 4-year Insight Remote Cloud Management subscription, which allows for a simple and stress-free way to remotely configure and manage your network from any location.



Insight

Highlights

Intelligent Router

Providing all the routing and network segmentation features that a router must have, the NETGEAR PR460X will be the backbone of any integrator project.

10G/Multi-Gigabit LAN/WAN ports keep your data moving at top speed. IPSec Site-to-Site VPN allows interconnection between two different locations. With Network Address Translation (NAT) routing, IT managers can access your client's broadband connection at the same time.

Leverage up to 8 VLANs to separate the network into smaller groups for more secure and efficient use of network resources. Simplify network administration with up to 8 DHCP servers assigning IP addresses automatically.

Remote Management

The NETGEAR Insight Remote Management platform offers visibility and access to the routing features from a single pane of glass. Register, configure, manage and monitor your router with just a few taps from your Insight mobile App or web portal.

Business Grade

The quiet 19-inch rack-mountable metal unit is backed by the industry's best-in-class 5-year hardware warranty, 90-day free technical support, and 5-year next business day replacement.

Simply activate NETGEAR Insight Cloud management to manage your network. Anytime. Anywhere.

Activating NETGEAR Insight Cloud management enables users to experience simpler configuration and deployment from anywhere using the NETGEAR Insight app from mobile devices or the Insight Cloud portal from any device with a web browser.

Unique advanced management features of Insight managed devices include:

- Remote monitoring and management with performance dashboards and troubleshooting features including remote reboot, port and PoE advanced configuration including remote enable/disable/power-cycle, PoE scheduling, and firmware updates with auto-schedule mode
- Single pane-of-glass multi-device, multi-network, and multi-site remote monitoring and notifications with the NETGEAR Insight app
- Full-fledged local or remote access for configuration, management, and monitoring on a larger display using your tablet, laptop, or desktop computer through the NETGEAR Insight Cloud portal
- Configurable in-app and email alerts and notifications
- Auto-join and configure (zero-touch provisioning) for additional Insight managed devices added to the network
- Centralized network configuration (policies) across Insight managed switches, and access points for VLANs, ACLs, QoS, LAGs, etc.
- Cloud-based network administration, monitoring, and firmware management

For more information about NETGEAR Insight-manageable device settings, please see at:

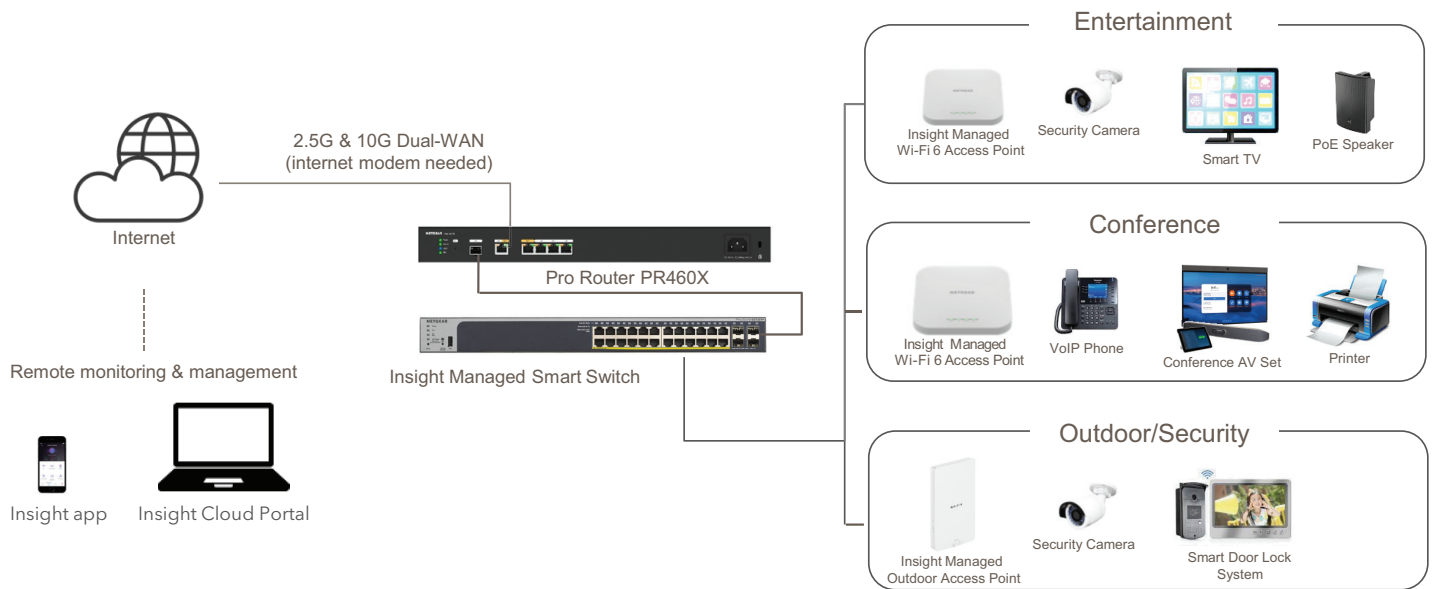
<https://www.netgear.com/support/product/Insight.aspx>

Features and Benefits

| | |
|--|--|
| High performance hardware | 10G/Multi-Gigabit throughput with 1x2.5G WAN, 1x10G/Multi-Gigabit WAN/LAN configurable 3x2.5G LAN and 1x10G SFP+ LAN port. |
| WAN-to-LAN Throughput | When using WAN2 port - 10Gbps max WAN with 17.5Gbps max LAN When using WAN1 port only - 2.5Gbps max WAN with 27.5Gbps max LAN |
| Primary and secondary internet connections | Dual-WAN ports for failover accommodating two internet connections to maintain a reliable link. The first connection functions as the primary and the other as a backup. |
| Leverage up to 8 VLANs | Separate the network into smaller groups for more secure and efficient use of network resources. |
| Supports up to 8 DHCP servers | Allows for automatic assignment of IP addresses, simplifying network administration. |
| Firewall protection against malicious incoming traffic | Prevents unauthorized access to the network and monitors the communications between the network and the outside world. |
| NETGEAR Insight Remote/Cloud Management | Instant discovery, configuration, and management of your network and Pro Router. Free 4-year subscription included. |
| Versatile rackmount design | Reverse mounting rack ears included for front-facing or rear-facing ports as desired for a clean or traditional look. |
| IPSec Site-to-Site VPN | Provides up to 30 VPN tunnels for secure multi-site connections. |

Target Application

Professional Residential Installer - PR460X



Technical Specifications

| FEATURES | PR460X |
|---------------------------------|--|
| Connectivity | |
| Gigabit Ports WAN/LAN | 1 x 10G/Multi-Gigabit Copper (Configurable LAN/WAN) 1 x 2.5G/1G RJ-45 (WAN) 3 x 2.5G/1G RJ-45 (LAN) 1 x 10G/1G SFP+ (LAN) |
| DMZ Interfaces (Configurable) | Yes |
| Performance | |
| LAN-to-WAN Throughput | For 2.5G WAN port, LAN-to-WAN throughput is 2.4Gbps For 10G WAN port, LAN-to-WAN throughput is 9.4Gbps |
| Maximum Number of VLANs | 8 |
| Security | |
| Firewall Functions | Firewall Traffic Rules/Scheduling, Port Forwarding, Port Triggering, Stateful Packet Inspection (SPI), Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, Respond To Ping on Internet Port |
| VoIP SIP ALG | Yes |
| Networking | |
| ISP Address Assignment | DHCP, Static IP Assignment, PPPoE |
| NAT Modes | NAT |
| Routing | Static, Dynamic, RIPv1, RIPv2 |
| DHCP Server | 8 |
| VLANs (Up to 8) | 802.1Q |
| Essential Networking Features | MAC Address Cloning/spoofing, NTP Support, UPnP, Auto Uplink on Switch Ports |
| VPN | |
| IPsec Encryption/Authentication | 3DES, AES (128, 192, 256 bit)/SHA-1, SHA-2 (256 bit), MD5 |
| Key Exchange | IKEv1, IKEv2, Pre-shared Key |
| Access Modes | Remote access via Insight Remote Cloud Management |
| Management | |
| Management Options | Insight Remote Cloud Management |
| Logging | Accepted Packets, Dropped Packets Statistics, System, Source MAC filter, Session Limit, Bandwidth Limit, IPsec VPN |

Technical Specifications

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|---|--|
| Management | |
| Log Delivery | Insight logging |
| Troubleshoot | Diagnostics Ping, DNS Lookup, Trace Route, Speed test |
| Maintenance | Save/Restore Configuration, Restore to Factory Defaults, Firmware Upgrades, Display and Monitor Statistics |
| Hardware | |
| Processor | Quad Core ARM A73 @ 2.2 GHz Packet Process Engine (PPE) processors |
| Flash Memory/RAM | 2GB DDR4/4GB eMMC |
| Major Regulatory Compliance | Environment: RoHS Safety: CE/LVD, CSA EMI: FCC Part 15 Class B, CE mark |
| Temperatures | Operating Temperature: 0° - 40°C (32°-104° F) Storage Temperature: -20° - 70° C (-4° - 158° F) |
| Humidity | Operating humidity 90% maximum relative humidity, non-condensing Storage humidity 95% maximum relative humidity, non-condensing |
| Electrical Specifications | AC Input: 100-240V, 50/60Hz, 1.3A |
| Dimensions (W x D x H) | 17.3 x 3.9 x 1.7in (440 x 100 x 43.2mm) |
| Weight | 3.34lb (1.513kg) |
| System Requirements | Cable or DSL Broadband Modem, Internet Service, Windows Client Device, Internet Explorer/Firefox/Chrome/Safari Web Browser |
| Warranty and Support | |
| Hardware Warranty* | 5-year |
| Next Business Day Replacement | 5-year |
| Free Technical Support* | 90 Days |
| ProSUPPORT OnCall** 24x7 Service Packs | Category 2 PMB0312-10000S PMB0332-10000S PMB0352-10000S |
| Insight Remote Cloud Management | 4-year Insight subscription included |

Technical Specifications

Package Contents

| | |
|--------|---|
| PR460X | NETGEAR PR460X 10G/Multi-Gigabit Dual-WAN Pro Router with Insight Cloud Management Rack-mount kit Rubber feet (for desktop deployment) Power cord(s) (varies by region) Ethernet cable Installation guide |
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Ordering Information

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| North America | PR460X-111NAS |
| Europe | PR460X-111EUS |

*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 at <https://www.netgear.com/business/registration> 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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