Experience the most versatile and easy to manage Advanced Smart switches in the market

As a leading provider of network equipment for SMBs, NETGEAR® understands the importance of reliable and high performance networks. With the growth of virtualization, cloud-based services and applications like VoIP, video streaming and IP surveillance, SMB networks need to extend beyond simple reliability to simpler management and remote monitoring to ensure your network is "always up". NETGEAR also understands that small business owners shouldn't have to understand networking and IT; they need a network that's easy-to-setup and is reliable, so they can focus on their business, not their network. To that end, NETGEAR is introducing our most versatile and easy-to-manage switches ever, NETGEAR Insight Managed Smart Cloud switches, now with NETGEAR's exclusive FlexPoE.

Insight Managed Smart Cloud Switches are the first switches from NETGEAR with anywhere configuration and management. Using either the NETGEAR Insight app on your mobile device or tablet, or the Insight Cloud Portal from your PC, Mac, or tablet, you can quickly discover, setup, monitor and manage your Smart Cloud Switches from anywhere in the world! With their remote cloud manageability, sleek design silent or whisper-quiet operation, they are the most versatile switches in the market for any environment. Whether at home, out of the office or on a business trip, you can still manage and monitor your network as if you were right there.

Network-centric configuration and management

NETGEAR Insight Managed Switches and Wireless Access Points using the NETGEAR Insight app allow for cross-device automated configuration of VLANs, QoS, ACLs, and LAGs. Auto-join and configure (zero-touch privisioning) allows for additional devices added seamlessly.

Fully-integrated cloud-manageable devices

NETGEAR Insight Managed switches are fully-integrated, cloud-manageable, plug-and-play devices. Just connect to your network and without any setup, they're passing traffic. For configuration setup, management, and monitoring, you can use the Insight mobile app on your mobile device or the Insight Cloud Portal from your PC, Mac, or tablet web browser. No additional cloud controller, appliance, network manager, or on-premise cloud server necessary

Clean, sleek silent (or whisper-quiet) designs

Insight Managed switches have a modern, clean design, with at-a-glance power/cloud and and PoE max LEDs for quick status monitoring. Additionally, on-port LEDs for link/activity and PoE power allow for port-specific connectivity monitoring. Both models are fanless for silent, anywhere deployment in noise-sensitive environments, and include a wall mount kit for flexible placement.

Outstanding power flexibility with NETGEAR's exclusive FlexPoE

Powered by the industry's first flexible PoE+ integrated technology, you can increase or decrease the PoE budget by simply purchasing a new NETGEAR FlexPoE power supply, effectively futureproofing small business networks and budgets. With NETGEAR's exclusive FlexPoE, these two switches help businesses cost effectively increase their power budget to expand their network as needed.

All ports support PoE/PoE+ up to 30W per port, which makes them the perfect switches for deploying Wireless APs, Pan/Tilt/Zoom and fixed IP Cameras, VoIP Phones, access-limited security door locks or any other IoT PoE-powered devices. And with Insight remote/cloud management, you can enable/disable/reboot PoE on a per port basis or setup PoE schedules for the most efficient energy usage as needed.

Both models have 8 copper Gigabit Ethernet PoE+ ports featuring NETGEAR FlexPoE power. The GC108P ships with a strong 64W§ of PoE budget, while the GC108PP features an astounding 126W§ of PoE power budget. Should you need more power in the future, rather than replace the entire switch, with NETGEAR FlexPoE you can just purchase the optional NETGEAR FlexPoE EPS130W Power Adapter, which will boost the PoE budget of your GC108P to the same 126W§ as the GC108PP model.

Innovative features for the most versatile and easy-to-manage switches in the market

Your network. Anytime. Anywhere.

The NETGEAR Insight Managed Smart Cloud Switches fundamentally change the way you think of networks and IT. Using the NETGEAR Insight app with Insight Managed Smart Cloud Switches and Wireless Access Points provides

- Instant in-app discovery & set-up
- Local or remote configuration and monitoring from your mobile device, PC, Mac or tablet
- Centralized network configuration polices with auto-join and configure (zero-touch provisioning)
- Multi-site/remote network management and monitoring with single pane-of-glass view
- Multi-switch/multi-port concurrent configuration using the Port Config Wizard

Remote monitoring and management from the palm of your hand!

With the NETGEAR Insight app, you can setup, manage, and monitor your networks from anywhere, anytime, from the palm of your hand on your phone or tablet! Or, for a larger screen experience, you can use the Insight Cloud Portal from your PC, Mac, or tablet web browser.

Build a future-proof network with NETGEAR Insight Managed Switches

- Extensive L2+/L3 Lite switching features including static routing
- Comprehensive IPv6 management, QoS and ACL support, ensuring investment protection and a smooth migration toIPv6-based networking
- Advanced QoS with IPv4/IPv6 ingress traffic filtering (ACLs) and prioritization (QoS)
- Dynamic VLAN assignment for easy user authentication and location independent access to network

- Up to 126W§ PoE power, with the flexibility to supply power-hungry devices such as 11ac and 11ax Wireless APs, VoIP voice and video phones, security/surveillance cameras including PTZ, and other IoT devices
- Advanced per-port PoE controls (set specific power budget per port in addition to automatic class-defined) and PoE scheduling
- Interchangeable external power adapter allows you to increase (or decrease) your PoE Budget as needed with NETGEAR FlexPoE power

NETGEAR quality and reliability

- Industry-leading 5-year Limited Hardware Warranty*
- Minimal down-time with Next-Business-Day Replacement Warranty
- Get deployment assistance with 90-days Free Advanced Technical Support**

Hardware at a Glance

Model Name		FRONT					REAR		
Model Name	Form-Factor	LEDs (System)	LEDs (Per Port)	100M/1G Copper (RJ-45) Ports	PoE/PoE+(802.3af/ 802.3at)Ports	PoE Budget (as shipped)	PA Supported & PoE Budget	Power Supply
GC108P	Desktop, Wall mount (fanless)	Power/Cloud, PoE Max	Speed/Link/ Activity, PoE	8	8 PoE+	64W§	67.5W (64W PoE) 130W (126W PoE)	External Adapter
GC108PP	Desktop, Wall mount (fanless)	Power/Cloud, PoE Max	Speed/Link/ Activity, PoE	8	8 PoE+	126W§	130W (126W PoE) 67.5W (64W PoE)	External Adapter

GC108P: 8-Port Gigabit Ethernet PoE+ Insight Managed Smart Cloud Switch w/FlexPoE Power

- 8 x 1000BASE-T Copper PoE+ ports supporting 1G/100M speeds
- 64W§ FlexPoE power budget budget (fanless, 0dB)
- Wall mountable, Kensington lock slot

GC108PP: 8-Port Gigabit Ethernet Hi-Power PoE+ Insight Managed Smart Cloud Switch w/FlexPoE Power

- 8 x 1000BASE-T Copper PoE+ ports supporting 1G/100M speeds
- 126W§ FlexPoE power budget budget (fanless, 0dB)
- Wall mountable, Kensington lock slot

Software at a Glance

MANAGEMENT		LAYER 2+ / LAYER 3 LITE FEATURES							
Device Management	Network-wide Management	IPv4/IPv6 ACL and QoS	IPv4/IPv6 Multicast Filtering	VLANs	Auto-VoIP, Auto-Video	Convergence	Link Aggregation/ Port Trunking	Jumbo Frame Support	IPv4 Static Routing
NETGEAR Insight mobile app or Insight Cloud Portal for local/remote/anywhere management from your mobile device, PC, Mac, or tablet Local web browser-based management GUI IPv4 & IPv6 management	Centralized network configuration (policies) Auto-join & configure (zero-touch provisioning) Mulit-site, multi-network single pane-of-glass view Multi-switch/multi-port concurrent configuration	L2, L3, L4 Ingress	IGMP and MLD Snooping	Static, Dynamic, Voice, Video, MAC, Protocol-based, and Private	Yes	LLDP-MED, RA-DIUS, 802.1X	LACP and Manual Static LAGs (up to 8 LAGs with max 8 members)	Yes (up to 10,000 packet size)	Yes

Performance at a Glance

Model Name	CPU & Memory	Fabric (Full-duplex)	Latency (64-byte Packet)	Packet Buffer	Packet Forwarding Rate (64-byte)	ACLs	MAC Address Table ARP/NDP Table VLANs	Static Routes (IPv4)	Priority Qeues	Multicast IGMP Groups
GC108P GC108PP	500MHz Single Core, 128MB RAM, 32MB SPI FLASH	16Gbps line-rate	3.460 µs	512 KB	11.9 Mfps	100 (shared)	8K MAC (dynamic) 512 ARP / 512 NDP 64 VLANs	32	8 (WRR)	256

Ordering Information

§ NETGEAR FlexPoE power - interchangable external power adapter allows for increasing or decreasing your PoE budget at any time with optional NETGEAR FlexPoE power adapters.

*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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