

Smart Gigabit Ethernet/10G SFP+ Switches with optional Remote Management



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 Smart switches with optional remote/cloud management.

The Smart switches with optional remote/cloud management 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 switch 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.

Hardware-at-a-Glance

Model Name	Form-Factor	FRONT					REAR	SIDE	
		LEDs (System)	Gigabit Copper (RJ-45) Ports	1G SFP Fiber Ports	10G SFP+ Fiber Ports	PoE/PoE+ Ports (Budget)	LEDs (Per Port)	Power Supply	Fans
GC728X	Rackmount, Desktop	Cloud, Power, Fan	24	2 (dedicated)	2 (dedicated)	N/A	Speed/Link/Activity	1 internal PSU, fixed	1 internal fan, fixed
GC728XP	Rackmount, Desktop	Cloud, Power, PoE Max, Fan	24	2 (dedicated)	2 (dedicated)	24 PoE+ (390W)	Speed/Link/Activity, PoE	1 internal PSU, fixed	2 internal fans, fixed
GC752X	Rackmount, Desktop	Cloud, Power, Fan	48	2 (dedicated)	2 (dedicated)	N/A	Speed/Link/Activity	1 internal PSU, fixed	1 internal fan, fixed
GC752XP	Rackmount, Desktop	Cloud, Power, PoE Max, Fan	48	2 (dedicated)	2 (dedicated)	48 PoE+ (505W)	Speed/Link/Activity, PoE	1 internal PSU, fixed	3 internal fans, fixed

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Software-at-a-Glance

MANAGEMENT		LAYER 2+ / LAYER 3 LITE FEATURES						
Device Management	Network Management Features	IPv4/IPv6 ACL and QoS	IPv4/IPv6 Multicast Filtering	VLANs	Auto-VoIP, Auto-Video	Convergence	Link Aggregation/ Port Trunking	IPv4 & IPv6 Static Routing
Local web browser-based management GUI, SNMP, RMON Optional NETGEAR Insight mobile app or Insight Cloud Portal for local/remote/anywhere management from your mobile device, PC, Mac, or tablet IPv4 & IPv6 management	Centralized network configuration (policies) Auto-join & configure (zero-touch provisioning) Multi-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, RADIUS, 802.1X	LACP and Manual Static LAGs (up to 24 LAGs with max 8 members)	Yes

Performance-at-a-Glance

Model Name	CPU & Memory	Fabric (Full-duplex)	Latency (64-byte Packet @ Max Connection Speed)	Packet Buffer	Packet Forwarding Rate (64-byte)	ACLs	MAC Address Table ARP/NDP Table VLANs	Static Routes (IPv4 & IPv6)	Priority Queues	Multicast IGMP Groups
GC728X	400 MHz Cortex-A9 Single Core, 512MB RAM	92Gbps line-rate	1G Copper: 3.200 µs	1.5 MB	68.5 Mfps	100 (shared)	16K MAC (dynamic) 384 ARP/128 NDP 256 VLANs	IPv4: 32 IPv6: 31	8 (WRR)	512
GC728XP			1G SFP: 1.720 µs							
GC752X	8MB SPI + 256 NAND FLASH	140Gbps line-rate	10G SFP+: 1.510 µs	1.5 MB	104.2 Mfps					
GC752XP										

Ordering Information

Model Name	Americas	Europe	Asia Pacific & Australia
GC728X	GC728X-100NAS	GC728X-100EUS	GC728X-100AJS
GC728XP	GC728XP-100NAS	GC728XP-100EUS	GC728XP-100AJS
GC752X	GC752X-100NAS	GC752X-100EUS	GC752X-100AJS GC752X-100PRS (China)
GC752XP	GC752XP-100NAS	GC752XP-100EUS	GC752XP-100AJS



*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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