



### Going Gigabit and PoE+ Just Got More Cost-Effective!

As a leading provider of network equipment for SMBs, NETGEAR® understands the importance of providing great choice of PoE port counts and power budgets that can adapt to the business's needs, whether in the hospitality, catering, education or retail domains.

The GS724TP and GS724TPP 24-Port Gigabit Switch with PoE+ and 2 SFP Ports join the NETGEAR Standalone Smart Switches family, adding full 24 port PoE+ support for deployment of modern highpower PoE devices. Cautious spender organizations can now deploy denser PoE+ devices connected to a costeffective switch, with a reasonable PoE power budget of 190W (GS724TP) or 380W (GS724TPP).

NETGEAR Smart Switches offer powerful Layer 2 features, great PoE functionality, and enhanced performance and usability. These switches are the ideal solution even for the most advanced small and medium organizations looking for the best combination of features, performance, and value: they are purposely designed for converged networks where voice, video, data are all carried on a single network platform. Temperature- and load-based fan-speed control combines accurate monitoring with minimized system acoustic noise: the GS724TP and

GS724TPP support quiet rack mounting operation with a maximum of 26.1 dBA (GS724TP) and 33.6 dBA (GS724TPP) even at full power and 25°C (77°F) ambient.

To empower the PoE applications,
NETGEAR Insight Remote/Cloud
Management is added to these two new
switch models as an optional management
mode. By activating the NETGEAR Insight
Cloud management, the users will enable
management features allowing businesses
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.

### Highlights

More Powerful Switch for High Power Devices

- 24 x PoE+ Gigabit ports with 190W PoE budget (GS724TP) or 380W PoE budget (GS724TPP)
- 2 dedicated Gigabit SFP fiber uplink ports

Fast and flexible solution for SMB data, voice and video converged network

- Non-blocking switching with 52Gbps
- Flexible rack-mounting option

**Powerful Connectivity and Security** 

- Advanced VLAN support for better network segmentation
- L2/L3/L4 access control lists (ACLs) for granular network access control including 802.1x port authentication
- Advanced per port PoE controls for remote power management of PoE connected devices including operation scheduling



- Advanced QoS (Quality of Service) for traffic prioritization including portbased, 802.1p and L2/L3/L4 DSCPbased
- Auto "denial-of-service" (DoS) prevention
- IGMP Snooping and Querier for multicast optimization
- Egress Rate limiting and priority queuing for better bandwidth allocation
- Port mirroring for network monitoring
- Energy Efficient Ethernet (IEEE 802.3az) for maximum power savings
- IPv6 management: IPv6 QoS, IPv6 ACL, IPv6 Multicast, and static and dynamic IPv6 address assignment
- Cable test to troubleshoot connection issues

- Easy-to-use Web browser-based management GUI available in English, German and Japanese
- SNMP v1, v2c, v3 and RMON remote monitoring

### Fully-integrated cloud-manageable devices

Remote/Cloud Management capability with NETGEAR Insight. Instantly activate NETGEAR Insight Cloud management from the web GUI, for simpler configuration and deployment from anywhere using the NETGEAR Insight app on mobile devices or the Insight Cloud portal through a web browser

#### Smart IT, not Big IT

 NETGEAR Insight remote/cloud management, monitoring and maintenance using the NETGEAR Insight mobile app or Insight Cloud Portal for network-level management

- NETGEAR Switch Discovery Tool (NSDT) to discover, register and access to the local browser interface to configure the switches
- Network Management System (NMS300), allowing all NETGEAR business products to be deployed and managed through this single interface
- Text-based Lite Command-line Interface (CLI)

#### **NETGEAR Quality and Reliability**

- Worry-free Limited Lifetime Warranty\*, online technical chat support and Next Business Day (NBD) replacement.
- 90-days Free 24x7 Advanced Technical Phone Support\*\*













### Hardware at a Glance

		FRONT			REAR	SIDE
Model Name	Form-Factor	10/100/1000BASE-T RJ-45 Copper Ports	1G SFP Uplink	PoE+ 802.3 at Ports (Budget)	Power Supply (PoE Budget)	Fans
GS724TP	Rack mount	24	2	24 (190W)	1 internal PSU, fixed	2 internal fans, fixed
GS724TPP	Rack mount	24	2	24 (380W)	1 internal PSU, fixed	2 internal fans, fixed

#### Software at a Glance

		LAYER 2+ / LAYE	R 3 Lite FEA	ATURES			
Device Management	Network-wide Management (Insight Management)	PoE Control Features	IPv4/IPv6 ACL and QoS	IPv4/IPv6 Multicast Filtering	VLANs	Convergence	Link Aggregation
Web Browser-based GUI (HTTP/HTTPS)  Text-based Lite Command-line Interface (CLI)  RMON, SNMP  NETGEAR Insight mobile app or Insight Cloud Portal for local/remote/anywhere management from your mobile device, PC, Mac, or tablet	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	PoE on/off Dynamic PoE budget allocation PoE power priority setting PoE Power Usage Metering PoE scheduling	L2, L3, L4, ingress	IGMP Snooping, Querier	Static, Dynamic, VoIP, Voice, 16K Max MAC (256 VLANs)	LLDP-MED, RADIUS, 802.1X	LACP and Manual Static LAGs (up to 16 LAGs with max 8 members)

### Performance at a Glance

Model Name	Packet buffer	CPU	ACLs	MAC Address Table VLANs	Fabric	Latency (64-byte packets)	Multicast IGMP Groups
GS724TP	1.5MB	800MHz ARM A55 Single Core	100 shared 16K MAC	16K MAC	52 Gbps	1G Copper: < 3.749 μs; 1G Fiber: < 3.129 μs	540
GS724TPP	T.SIVIB	512MB RAM 64MB FLASH	(ingress	256 VLANs	line-rate	1G Copper: < 3.563 μs; 1G Fiber: < 2.574 μs	512



### Features and Benefits

Hardware Features	
Fully-integrated Cloud-manageable Devices	Require no additional hardware (cloud keys, network portals, local servers, VPN or proxy appliances etc) to directly connect to the cloud and allow remote management. No additional hardware or software. Just switch to Insight Cloud Management mode through Web browser-based User Interface and go.
1000BASE-T Copper Ethernet PoE+ connections	Support high-density VoIP, Surveillance and Wi-Fi AP deployments, scalable for future growth. Never face the risk of running out of PoE ports.
1000BASE-X Fiber SFP ports	Two dedicated Gigabit SFP ports for aggregation to the network core. Support for Fiber and Copper modules.
Low Acoustics	Temperature- and load-based fan-speed control allow for quiet operation in both desktop or rack mount configuration.
Energy Efficient Ethernet (IEEE 802.3az)	Maximum power reduction for ongoing operation cost savings.
Desktop and rack mount (kit available)	Flexible deployment on desktop and also support rack mount.
Kensington Lock Slot	Prevent theft, removal, or tampering when used for desktop deployment.
Software Features	
Remote setup, management, and monitoring anywhere, anytime, from your mobile device, PC, Mac, or tablet	Locally or remotely setup, configure, manage, monitor or even trouble-shoot your network from anywhere, anytime. Check network status, view dashboards for network health and activity, power cycle PoE ports, etc, and update firmware remotely. No need to be on-site, open up ports to your network, or VPN into it.
Auto-join and Configure (Zero-Touch Provisioning)	Additional Insight Managed devices added to the network automatically inherit settings and configuration.
Multi-site, Multi-network Single Pane-of-Glass View	View and configure multiple networks across multiple sites, all from one single app; NETGEAR Insight.
Text-based Lite Command-line Interface (CLI)	Provides a text-based way to manage and monitor the system. The CLI can be accessed by using a direct serial connection, or by using a remote logical connection with telnet or SSH.
Comprehensive IPv6 Support for Management, ACLs and QoS	Build current network with future in mind. Ensure investment protection and a smooth migration to an IPv6-based network without switch replacement.
Robust security features: • 802.1x authentication (EAP) • Port-based security by locked MAC	Build a secured, converged network with all types of traffic by preventing external attacks and blocking malware while allowing secure access for authorized users.
Comprehensive QoS features:  • Port-based or VLAN 802.1p-based prioritization  • Layer 3-based (DSCP) prioritization  • Port-based egress rate limiting	Advanced controls for optimized network performance and better delivery of mission-critical traffic such as voice and video.
Auto-VoIP and Auto-Voice VLAN	Automatic Voice over IP prioritization (Auto-VoIP) simplifies most complex multi-vendor IP telephone deployments either based on OUI bytes (default database and user-based OUIs) in the phone source MAC address, providing the best class of service to VoIP streams (both data and signaling) over other ordinary traffic by classifying traffic, and enabling correct egress queue configuration.
IGMP Snooping	Facilitate fast receiver joins and leaves for multicast streams. Save cost and improve network efficiency by ensuring multicast traffic only reaches designated receivers without the need of an extra multicast router.



### Features and Benefits

Software Features	
Protected Ports	Ensure no exchange of unicast, broadcast, or multicast traffic between the protected ports on the switch, thereby improving the security of your converged network. This allows your sensitive phone phone conversations to stay private and your surveillance video clips can be forwarded to their designated storage device without leakage or alteration.
DHCP Snooping	Ensure IP address allocation integrity by only allowing DHCP messages from trusted DHCP servers and dropping malformed DHCP messages with a port or MAC address mismatch.
Dynamic VLAN Assignment (RADIUS)	IP phones and PCs can authenticate on the same port but under different VLAN assignment policies. Users are free to move around and enjoy the same level of network access regardless of their physical location on the network.
Link Aggregation (LACP)	Build up bigger bandwidth to support aggregated uplink/downlink traffic or to provide redundant link(s). Aggregate up to 8 ports for 8Gbps connections.
PoE Timer and Scheduling	Allows IT administrators to increase network security, better utilize network resources and conserve energy by scheduling or remotely controlling on/off of PoE ports.
Port Mirroring and Cable Test	Many-to-one port mirroring for better and quicker network diagnostics and troubleshooting. Cable test easily identifies bad Ethernet cables.
Dual Firmware Images	Dual firmware images for transparent firmware updates with minimum service interruption
Firmware Updates from Cloud	Direct cloud-to-device firmware updates, initiated and/or scheduled using the Insight app, all from the palm of your hand, anytime, anywhere!



## Simply Activate NETGEAR Insight Cloud Management to manage your network. Anytime. Anywhere.

By activating the NETGEAR Insight Cloud management, the users will enable fundamental management features allowing businesses 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 these Insight Managed devices include:

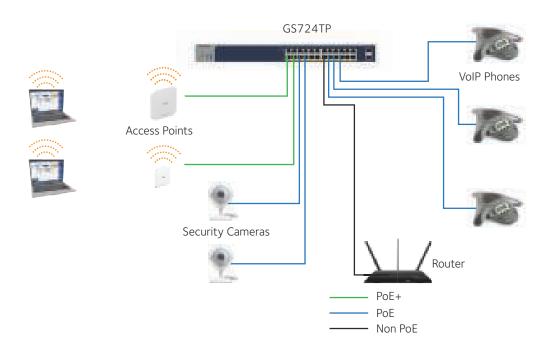
- Remote monitoring and management with performance dashboards and troubleshooting features including remote reboot, port
  and PoE advanced configuration including remote enable/disable/power-cycle, PoE scheduling, and firmware updates with autoschedule mode
- Single pane-of-glass multi-device, multi-network, 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 devices added to the network
- Centralized network configuration (policies) across Insight Managed Switches, Access Points, and ReadyNAS storage 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



#### **Example Application**

#### **Power The Devices in Your Business**



The new standalone GS724TP and GS724TPP switch are designed with 24 ports PoE+ and 2 SFP ports. With 190W power on GS724TP and 380W power on GS724TPP, the two switches can meet the current and future needs of wireless converged networks. Within small and medium-sized organizations, there is growing adoption of PoE devices such as VoIP phones, IP security cameras, wireless access points, proximity sensors, LED lighting, door locks, and other IoT devices that require network switches capable of supporting dense PoE installations. Wireless access points and pan-tilt-zoom HD cameras using Wave 2 802.11ac Wi-Fi also require PoE+ power (802.3at), increasing the power demands on PoE switches.

"PoE devices are putting a strain on switching power demands." As a leading provider of network equipment for SMBs, NETGEAR understands the importance of providing great choice of PoE port counts and power budgets that can adapt to the business's needs, whether in the hospitality, education or retail domains.

These switches provide a great value, with configurable Layer 2 network features like VLANs and PoE operation scheduling. Advanced features such as DiffServ QoS, LACP link aggregation and Spanning Tree will satisfy even the most advanced small business networks. With Insight Cloud management capability, managing those PoE and Smart switching features is just one click away.





Gigabit Ethernet RJ-45 Copper ports (10M/100M/1G)- 100BASE-T POEP/POE+ ports Gigabit SFP (fiber) ports (100M/1G)- 1000BASE-X Power Supply Power Supply Great Development (100M/1G)- 1000BASE-X Power Supply Fromt (per device) Fromt (per device) Power (with Cloud Mode Indicator), PoE Max, PoE Fault Fromt (per device) Power (with Cloud Mode Indicator), PoE Max, PoE Fault Fromt (per port) Power (with Cloud Mode Indicator), PoE Max, PoE Fault Fromt (per port)  Unified Network Management (Discovery, Setup, Monitoring, and Management brough NETGEAR Insight Cloud Management Discovery, setup, monitoring and management Nemote/Cloud management Picsovery, setup, monitoring and managemen	Technical Specifications	GS724TPv3	GS724TPPv3	
Gigabit SFP (fiber) ports (100M/1G) - 1000BASE-X         2 (dedicated)           Power Supply         Internal Power Supply           Kensington Lock         Yes (rear)           LEDs         Yes (rear)           Front (per device)         Power (with Cloud Mode Indicator), PoE Max, PoE Fault           Front (per port)         Speed/Link/Activity           Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Portal from PC, Mac, or tablet web browser           Remote/Cloud management         NETGEAR Insight mobile app on phone or tablet, Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from any PC, Mac, or tablet web browser using the Insight Policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANA, ACLS, QOS, and LGS           Device auto-join and configure (zero-touch provisioning)         Additional Insight Managed devices added to the network automatically inherit the network configuration (policies)           Multi-site, multi-port concurrent configuration for ACLs, VLANS, QOS, POE, etc.         Apply settings and policies on multiple ports across multiple switches all at the same time using the Port Config Wizard           Proformance Specification         800MHz ARM ASS Single Core S12MB RAM &4MB SPI FLASH           Packet buffer memory (Dynamically shared across only used ports)         1.5MB           Forwarding modes         800MHz ARM ASS Single Core S12MB		24		
Power Supply Kensington Lock Ves (rear)  LEDs  Front (per device) Front (per device) Front (per device) Front (per port) Speed/Link/Activity  Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management Discovery, setup, monitoring and management  NETGEAR Insight mobile app on phone or tablet; Insight Cloud Portal from PC, Mac, or tablet web browser  Remote/Cloud management  Anywhere, anytime, from the palm of your hand using Insight mobile app on from any PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal Centralized network configuration (policies) across Insight Managed Switches Access Points, and Business-class Ready/NAS Storage for VLANS, ACLS, QoS, and LAGs  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Manage multiple sites, locations, and networks in a single view using the Insight Managed devices added to the network automatically inherit the network configuration  Multi-switch, multi-port concurrent configuration for ACLs, VLANS, QoS, POE, etc  Performance Specification  CPU  800MHz ARM ASS Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  1.5MB  Fronting queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  RK  Multicast groups  512  Number of VLANS  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet bover and part of the proper)  1518-bye: 4.398 µsec  1518-bye: 4.398 µsec  64-byte: 4.398 µsec  1518-bye: 4.398 µsec	PoE/PoE+ ports	24	ļ	
Kensington Lock LEDs Front (per device) Front (per device) Front (per port) Speed/Link/Activity Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management Discovery, setup, monitoring and management NETGEAR Insight mobile app on phone or tablet; Insight Cloud Portal from PC, Mac, or tablet web browser Remote/Cloud management per per insight Managed Remote/Cloud repair of the pain pen of the pain pen of the nesight Cloud Portal Remote/Cloud pents and pents	Gigabit SFP (fiber) ports (100M/1G) - 1000BASE-X	2 (dedic	cated)	
Front (per device) Power (with Cloud Mode Indicator), PoE Max, PoE Fault Front (per port) Speed/Link/Activity Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management Discovery, setup, monitoring and management NETGEAR Insight mobile app on phone or tablet; Insight Cloud Portal from PC, Mac, or tablet web browser Remote/Cloud management Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser Remote/Cloud management Centralized network configuration (policies) Centralized network configuration (policies) Centralized network configuration (policies) Switches, Wireless Access Foints, and Business-class ReadyNAS Storage for VLANs, ACLS, Cob, and LAGs Device auto-join and configure (zero-touch provisioning) Additional Insight Managed devices added to the network automatically inherit the network configuration Multi-site, multi-network single pane-of-glass view Minis-switch, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification CPU 800MHz ARM A55 Single Core S12MB RAM 64MB SPI FLASH Packet buffer memory (Dynamically shared across only used ports) Forwarding modes Store-and-forward Bandwidth (non-blocking, full duplex) S2 Gbps Priority queues 8 Priority queuing Weighted Round Robin (WRR) or Strict Priority MAC Address database size (48-bit MAC addresses) MaC Address database size (48-bit MAC addresses) MaC Address database size (48-bit MAC addresses) Number of VLANs 256 Number of DHCP snooping bindings 256 Access Control Lists (ACLs) 100 shared for MAC, IP and IPv6 ACLs (ingress) Packet forwarding rate (64 byte packet size) (Mfps or Mpps) 1518-bye: 4.396 µsec 1518-bye: 4.396 µsec	Power Supply	Internal Pow	er Supply	
Front (per device) Power (with Cloud Mode Indicator), PoE Max, PoE Fault Front (per port) Speed/Link/Activity  Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management Discovery, setup, monitoring and management NETGEAR Insight mobile app on phone or tablet, Insight Cloud Portal from PC, Mac, or tablet web browser  Remote/Cloud management Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, or tablet web browser using the Insight Cloud Portal from PC, Mac, and PC, we and PC, we and PC, we and PC, we are also and PC.  Performance Specification  CPU  800MHz ARM ASS Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  Priority queues  8 Ryingle Ram 64MB SPI FLASH  Priority queues  8 Ryingle Ram 64MB SPI FLASH  Priority queues  8 Ryingle Ram 64MB SPI FL	Kensington Lock	Yes (re	ear)	
Front (per port)  Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management  Discovery, setup, monitoring and management  NETGEAR Insight mobile app on phone or tablet web browser  Remote/Cloud management  Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal Centralized network configuration (policies)  Additional Insight Managed devices ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Manage multiple sites, locations, and networks in a single view using the Insight mobile app or Insight Cloud Portal  Multi-switch, multi-port concurrent configuration for ACLs, Apply settings and policies on multiple ports across multiple switches all at VLANs, QoS, RoE, etc  Performance Specification  CPU  800MHz ARM ASS Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  1.5MB  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  52 Gbps  Priority queues  8 8  Priority queues  8 8  Priority queues  8 9  Mac Address database size (48-bit MAC addresses)  8 Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  8 Weighted Round Robin (WRR) or Strict Priority  Nacket Sproups  512  Number of VLANs  256  Number of DHCP snooping bindings  64-byte: 3.956 µsec  64-byte: 3.956 µsec  1518-bye: 4.398 µsec  1518-bye: 4.398 µsec  1518-bye: 4.398 µsec  1518-bye: 4.398 µsec	LEDs			
Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management  Discovery, setup, monitoring and management  NETGEAR Insight mobile app on phone or tablet; Insight Cloud Portal from PC, Mac, or tablet web browser  Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal Centralized network configuration (policies)  Centralized network configuration (policies)  Device auto-join and configure (sero-touch provisioning)  Additional Insight Managed devices added to the network automatically inherithment the network configuration (policies)  Additional Insight Managed devices added to the network automatically inherithment the network on figuration with minimal than the two configuration (policies)  Multi-site, multi-network single pane-of-glass view  Multi-switch, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  1.5MB  Priority queues  8 Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  Make Address database size (48-bit MAC addresses)  Make Address database size (48-bit MAC addresses)  Multicast groups  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte; 42016 bits forward)  1518-bye: 4.398 jusec  1518-bye: 4.398 jusec  1518-bye: 4.398 jusec	Front (per device)	Power (with Cloud Mode Ind	licator), PoE Max, PoE Fault	
Discovery, setup, monitoring and management  Remote/Cloud management  Remote/Cloud management  Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser  Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal Centralized network configuration (policies)  Centralized network configuration (policies)  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Multi-site, multi-port concurrent configuration for ACLs, VLANs, ACLs, QoS, and LAGs  Multi-site, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification  CPU  800MHz ARM A55 Single ports across multiple switches all at the same time using the Port Config Wizard  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  1.5MB  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  52 Gbps  Priority queues  8 K  Multi-cast groups  MAC Address database size (48-bit MAC addresses)  8K  Multi-cast groups  Multi-cast groups  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  13 GCpper standard latero(ylusec)  1518-bye: 4.394 µsec	Front (per port)	Speed/Link		
Remote/Cloud management  Anywhere, any time, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal Centralized network configuration (policies)  Additional Insight Managed devices added to the network automatically inherit the network configuration  Multi-site, multi-network single pane-of-glass view  Manage multiple sites, locations, and networks in a single view using the Insight mobile app or Insight Cloud Portal  Multi-switch, multi-port concurrent configuration for ACLs, Apply settings and policies on multiple ports across multiple switches all at the same time using the Port Config Wizard  Performance Specification  CPU  800MHz ARM A55 Single Core  512MB RAM 64MB SPI FLASH  Packet buffer memory  (Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  52 Gbps  Priority queues  8  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  & K  Multicast groups  ACCESS Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  150 Copper standard latency (usec)  1518-bye: 4.394 µsec  1518-bye: 4.398 µsec	Unified Network Management (Discovery, Setup, Monito	ring, and Management) through NETGI	EAR Insight Cloud Management	
from any PC, Mac, or tablet web browser using the Insight Cloud Portal Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Ports, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs Device auto-join and configure (zero-touch provisioning) Additional Insight Managed devices added to the network automatically inherit the network configuration Multi-site, multi-network single pane-of-glass view Manage multiple sites, locations, and networks in a single view using the Insight mobile app or Insight Cloud Portal Multi-switch, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification  CPU 800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH Packet buffer memory (Dynamically shared across only used ports) Forwarding modes Store-and-forward  Bandwidth (non-blocking, full duplex) 52 Gbps Priority queues 8 Priority queuing Weighted Round Robin (WRR) or Strict Priority MAC Address database size (48-bit MAC addresses) Multicast groups Store-and-forward  Multicast groups Store-and-forward  SK Multicast groups 1512 Number of DHCP snooping bindings 256 Access Control Lists (ACLs) 100 shared for MAC, IP and IPv6 ACLs (ingress) Packet forwarding rate (64 byte packet size) (Mfps or Mpps) 1518-bye: 4.398 µsec 1518-bye: 4.398 µsec 1518-bye: 4.398 µsec	Discovery, setup, monitoring and management			
Centralized network configuration (policies)  Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Manage multiple sites, locations, and networks in a single view using the Insight mobile app or Insight Cloud Portal  Multi-switch, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  Priority queues  8  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  Multicast groups  Number of VLANs  256  Number of VLANs  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1518-bye: 4.394 usec  1518-bye: 4.398 usec	Remote/Cloud management			
(zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Manage multiple sites, locations, and networks in a single view using the Insight mobile app or Insight Cloud Portal  Multi-switch, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  Forwarding modes  Bandwidth (non-blocking, full duplex)  Priority queuis  Bandwidth (non-blocking, full duplex)  MAC Address database size (48-bit MAC addresses)  Multi-switch, multi-port concurrent configuration for ACLs, Apply settings and policies on multiple ports across multiple switches all at the same time using the Port Config Wizard  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  1.5MB  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  52 Gbps  Priority queuis  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  8K  Multicast groups  512  Number of VLANs  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1G Copper standard latency (µsec)  1518-byte: 4.394 µsec  1518-byte: 4.398 µsec  1518-byte: 4.398 µsec	Centralized network configuration (policies)	Switches, Wireless Access Points, and B	Business-class ReadyNAS Storage for	
Insight mobile app or Insight Cloud Portal  Multi-switch, multi-port concurrent configuration for ACLs, VLANs, QoS, PoE, etc  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  Priority queues  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  Multicast groups  Number of VLANs  256  Number of DHCP snooping bindings  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1518-bye: 4.398 µsec  1518-bye: 4.398 µsec	Device auto-join and configure (zero-touch provisioning)			
VLANs, QoS, PoE, etc  Performance Specification  CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  52 Gbps  Priority queues  8 Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  Mak Multicast groups  Number of VLANs  256  Number of DHCP snooping bindings  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1518-bye: 4.398 µsec  64-byte: 3.956 µsec 1518-bye: 4.399 µsec 1518-bye: 4.398 µsec	Multi-site, multi-network single pane-of-glass view			
CPU  800MHz ARM A55 Single Core 512MB RAM 64MB SPI FLASH  Packet buffer memory (Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  52 Gbps  Priority queues  8  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  8K  Multicast groups  Number of VLANs  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1518-bye: 4.394 µsec  64-byte: 3.956 µsec  64-byte: 4.398 µsec  64-byte: 4.398 µsec				
Packet buffer memory (Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  Priority queues  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  Multicast groups  Number of VLANs  Store-and-forward  8  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  8K  Multicast groups  512  Number of DHCP snooping bindings  256  Number of DHCP snooping bindings  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  138.6  1G Copper standard latency (µsec)  (44 byte: 1518 byte: 9216 byte farmers)	Performance Specification			
(Dynamically shared across only used ports)  Forwarding modes  Store-and-forward  Bandwidth (non-blocking, full duplex)  Foriority queues  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  MK  Multicast groups  Number of VLANs  Store-and-forward  8  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  8K  Multicast groups  512  Number of DHCP snooping bindings  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1G Copper standard latency (µsec)  (64-byte: 3.956 µsec  1518-bye: 4.394 µsec  1518-bye: 4.398 µsec	CPU		•	
Bandwidth (non-blocking, full duplex)  Priority queues  8  Priority queuing  Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses)  8K  Multicast groups  512  Number of VLANs  256  Number of DHCP snooping bindings  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  38.6  1G Copper standard latency (µsec)  (64 byte: 1518 byte: 9214 byte former)		1.5N	ИB	
Priority queuing Weighted Round Robin (WRR) or Strict Priority  MAC Address database size (48-bit MAC addresses) 8K  Multicast groups 512  Number of VLANs 256  Number of DHCP snooping bindings 256  Access Control Lists (ACLs) 100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps) 38.6  1G Copper standard latency (µsec) 64-byte: 3.956 µsec 1518-bye: 4.394 µsec 1518-bye: 4.398µsec	Forwarding modes	Store-and-	forward	
Priority queuing  MAC Address database size (48-bit MAC addresses)  8K  Multicast groups  512  Number of VLANs  256  Number of DHCP snooping bindings  Access Control Lists (ACLs)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1G Copper standard latency (µsec)  (64 byte: 3.956 µsec 1518-bye: 4.394 µsec 1518-bye: 4.398 µsec	Bandwidth (non-blocking, full duplex)	52 Gk	ops	
MAC Address database size (48-bit MAC addresses)  Multicast groups  512  Number of VLANs  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  38.6  1G Copper standard latency (µsec)  (64-byte: 3.956 µsec 1518-bye: 4.394 µsec 1518-bye: 4.398µsec	Priority queues	8		
Multicast groups  Number of VLANs  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1G Copper standard latency (µsec)  (64 byte) 1518 byte 9216 byte farmes)  512  256  100 shared for MAC, IP and IPv6 ACLs (ingress)  38.6	Priority queuing	Weighted Round Robin (WRR) or Strict Priority		
Number of VLANs  256  Number of DHCP snooping bindings  256  Access Control Lists (ACLs)  100 shared for MAC, IP and IPv6 ACLs (ingress)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  38.6  1G Copper standard latency (µsec)  (64 byte: 1518 byte: 9216 byte frames)  1518-bye: 4.394 µsec  1518-bye: 4.398µsec	MAC Address database size (48-bit MAC addresses)	8K		
Number of DHCP snooping bindings  Access Control Lists (ACLs)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1G Copper standard latency (µsec)  (64 byte) 1518 byte 9216 byte frames)  256  38.6  64-byte: 3.956 µsec 1518-bye: 4.394 µsec 1518-bye: 4.398 µsec	Multicast groups	512		
Access Control Lists (ACLs)  Packet forwarding rate (64 byte packet size) (Mfps or Mpps)  1G Copper standard latency (µsec)  (64 byte: 3.956 µsec 1518-bye: 4.394 µsec 1518-bye: 4.398µsec	Number of VLANs	256		
Packet forwarding rate (64 byte packet size) (Mfps or Mpps)       38.6         1G Copper standard latency (μsec)       64-byte: 3.956 μsec       64-byte: 4.001 μsec         (64 byte: 1518 byte: 9216 byte frames)       1518-bye: 4.394 μsec       1518-bye: 4.398 μsec	Number of DHCP snooping bindings	256		
1G Copper standard latency (μsec)  (64 byte: 3.956 μsec  654-byte: 4.001 μsec  1518-bye: 4.394 μsec  1518-bye: 4.398 μsec	Access Control Lists (ACLs)	100 shared for MAC, IP and IPv6 ACLs (ingress)		
7G Copper standard latency (µsec) 1518-bye: 4.394 µsec 1518-bye: 4.398µsec	Packet forwarding rate (64 byte packet size) (Mfps or Mpps)	38.0	6	
		1518-bye: 4.394 µsec	1518-bye: 4.398µsec	





Performance Specification	GS724TPv3	GS724TPPv3	
1G SFP Fiber latency (µsec)	64-byte: 1.842 µsec	64-byte: 1.892 µsec	
(64-byte; 1518-byte; 9216-byte frames)	1518-bye: 1.878 μsec 9216-byte: 1.891 μsec	1518-bye: 1.914 μsec 9216-byte: 1.927 μsec	
Jumbo frame support	Up to 10	K packet	
Acoustic noise level @ 25°C (dBA) (ANSI-S10.12)	26.1 dBA	33.6 dBA	
Mean Time Between Failures (MTBF) @ 25°C	1,784,610 hrs (142 yrs)	1,310,422 hrs (149 yrs)	
POE Configuration			
Number of PoE (802.3af) / PoE+ (802.3at) ports	24 PoE+	24 PoE+	
Total PoE power budget (watts)	190W	380W	
Advanced per-port PoE controls (enable/disable/power limit)	Ye	es	
Advanced per-port PoE scheduling/timers	Ye	es	
L2 Services - VLANs			
IEEE 802.1Q VLAN tagging	Ye	es	
Management VLAN	Config	urable	
L2 Services - Availability			
Broadcast, multicast, unknown unicast storm control	Yes		
IEEE 802.3ad - LAGs (LACP)	Yes		
IEEE 802.3x (full duplex and flow control)	Yes		
IEEE 802.1D Spanning Tree Protocol	Yes		
IEEE 802.1w Rapid Spanning Tree Protocol	Yes		
IEEE 802.1s Multiple Spanning Tree Protocol	Yes		
L2 Services - Multicast Filtering			
IGMP snooping (v1, v2, and v3)	Ye	es	
IGMP snooping querier	Ye	es	
Block unknown multicast	Ye	es	
Multicast groups	512		
DHCP Services			
DHCP client	Yes		
DHCP snooping	Yes		
Number of DHCP snooping bindings	256		
Link Aggregation			
IEEE 802.3ad - LAGs (LACP)	Ye	es	
Manual Static LAG	Ye	es	
# of Static or LACP LAGs # of Members in each LAG	16 LAGs with max 8 n	nembers in each LAG	



### Data Sheet | **GS724TPv3**, **GS724TPPv3**

## 24-Port Gigabit PoE+ Smart Switch with 2 SFP Ports and Cloud Management

Network Monitoring and Discovery Services	GS724TPv3	GS724TPPv3		
802.1ab LLDP	Ye	S		
LLDP-MED	Ye	Yes		
SNMP	v1, v2	2, v3		
RMON group 1,2,3,9	Ye	Yes		
Network Security				
IEEE 802.1x	Yes (E	EAP)		
Guest VLAN	Ye	S		
RADIUS-based VLAN assignment via .1x	Ye	s		
MAC-based .1x	Ye	S		
RADIUS accounting	Ye	s		
Access Control Lists (ACLs)	L2/L3/L4	1 ingress		
IP-based ACLs (IPv4 and IPv6)	Ye	s		
MAC-based ACLs	Ye	s		
TCP/UDP-based ACLs	Ye	s		
MAC lockdown	Yes			
MAC lockdown by the number of MACs	Ye	s		
Control MAC # Dynamic learned entries	16,3	16,384		
Control MAC # Static entries	25	256		
IEEE 802.1x RADIUS port access authentication	Ye	Yes		
Port-based security by locked MAC addresses	Ye	Yes		
Broadcast, multicast, unknown unicast storm control	Ye	s		
Protected ports	Ye	s		
DoS attacks prevention	Yes			
Quality of Service (QoS)				
Port-based rate limiting	Yes eç	gress		
Port-based QoS	Yes			
Support for IPv6 fields	Yes			
DiffServ QoS	Yes ingress			
IEEE 802.1p COS	Yes			
Destination MAC and IP	Yes			
IPv4 and IPv6 DSCP	Yes			
TCP/UDP-based	Yes			
Weighted Round Robin (WRR)	Yes			
Strict priority queue technology	Ye	S		
		0.4.15		

Auto-VoIP VLAN / Auto-Voice VLAN

Yes, manual or automatic assigment of VoIP phone traffic based on OUI bytes (default database and user-based OUIs) in the phone source MAC address to Voice VLAN associated with high priority QoS parameters





Advanced per port PGE controls (enabled/diable/power limit) Advanced per port PGE scheduling/timers Advanced per port PGE sche	Other Features	GS724TPv3	GS724TPPv3
Loop detection & prevention         Yes           DNS Client         Yes           Option to enable/disable BPDU flooding when STP is disabled         The STP is disabled           Option to enable/disable the flooding of EAPOL when 802.1 x is disabled         The STP is disabled           Option to enable/disable the flooding of EAPOL when 802.1 x is disabled         Yes           Management, Monitoring & Troubleshooting         Yes           Cloud/Remote management         Yes           Insight mobile app & Insight Cloud         Yes           Postal management         Yes           Intel Command-line Interface (CLI)         Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)           Networking monitoring         Yes           Detail/performance logs         Yes           Centralized network configuration/policies (network-centric management)         Yes           Device auto-join and configure (zero-touch provisioning)         Yes           Multi-switch, multi-port concurrent configuration         Yes           Multi-switch, multi-port concurrent configuration         Yes           Network/global password (for all Insight Managed devices on a network/global password (for all Insight Managed devices on a network of yes         Yes           Admin access control via RADIUS and TACACS+         Yes           IPv6 management         Yes <td></td> <td>Yes</td> <td></td>		Yes	
DNS Client Option to enable/disable BPDU flooding when STP is disabled SPDU flooding when STP is disabled SPDU flooding of EAPOL when 802.1 xis disabled SPDU flooding SPDU f	Advanced per-port PoE scheduling/timers	Yes	
Option to enable/disable BPDU flooding when STP is disabled         Yes           Option to enable/disable the flooding of EAPOL when 802.1 is disabled         Type           Management, Monitoring & Troubleshooting         Yes           Cloud/Remote management         Yes           Insight mobile app & Insight Cloud         Yes           Portal management         Yes           Like Command-line Interface (CLI)         Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)           Networking monitoring         Yes           Centralized network configuration/policies (network-centric anagement)         Yes           Device auto-join and configure         Yes           Multi-site, multi-network single pane-of-glass view         Yes (per network/submet via NETGEAR Insight mobile app on a network/global password (for all Insight Managed devices on a network/submet via NETGEAR Insight mobile app on a network/global password (for all Insight Managed devices on a network/submet via NETGEAR Insight mobile app on a network provisioning)         Yes (per network/submet via NETGEAR Insight mobile app on a network provisioning)           Password management VLAN         Yes (per network/submet via NETGEAR Insight mobile app on a network provisioning)         Yes           Poficianalse management VLAN         Yes         Yes           Admin access control via RADIUS and TACACS+         Yes           IFV commangement         Yes	Loop detection & prevention	Yes, by STP	
STP is disabled Option to enable/disable the flooding of EAPOL when 802.1 x is disabled  Management, Monitoring & Troubleshooting Cloud/Remote management Insight mobile app & Insight Cloud Portal management UnPr Discovery Lite Command-line Interface (CLI) Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model) Networking monitoring Data/performance logs Ves Centralized network configuration/policies (network-centric management) Unit-provisioning) Multi-site, multi-network single pane-of-glass view Multi-switch, multi-port concurrent configuration Network/global password (for all Insight Managed devices) Agasword management Password management Password management VLAN Admin access control via RADIUS and TACACS+ IPv6 management Primware upgrade direct from Cloud (via mobile device or Insight Cloud portal) SNMP vLAZe SN	DNS Client	Yes	
Reserve Management Monitoring & Troubleshooting         Cloud/Remote management       Yes         Insight mobile app & Insight Cloud Portal management       Yes         UPN Discovery       Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)         Networking monitoring       Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)         Networking monitoring       Yes         Centralized network configuration/policies (network-centric management)       Yes         Device auto-join and configure (zero-touch provisioning)       Yes         Multi-switch, multi-port concurrent configuration       Yes         Verouch work/global password (for all Insight Managed devices on a network)       Yes (per network/subnet via NETGEAR Insight mobile app on a network)         Network/global password (for all Insight Managed devices on a network)       Yes         Password management VLAN       Yes         PAccess List       Yes         Configurable management VLAN       Yes         Admin access control via RADIUS and TACACS+       Yes         IPV-P Client over UDP port 123       Yes         Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)       Yes         SNMP vJ.V/Zc       Yes         SNMP vJ. with multiple IP addresses       Yes         RMON group 1,2,3,9		Yes	
Cloud/Remote management Portal management Insight mobile app & Insight Cloud Portal management In PD Discovery Yes Lite Command-line Interface (CLI) Networking monitoring Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model) Networking monitoring Yes Data/performance logs Yes Centralized network configuration/policies (network-centric management) Device auto-join and configure (zero-touch provisioning) Multi-site, multi-network single pane-of-glass view Yes Multi-switch, multi-port concurrent configuration Network/global password (for all Insight Managed devices) Yes (per network/subnet via NETGEAR Insight mobile app and Insight Cloud Portal) Password management PAccess List Yes Configurable management VLAN Admin access control via RADIUS and TACACS+ Pe's SNTP client over UDP port 123 Firmware upgrade direct from Cloud (via mobile device or insight Cloud portal) SNMP v3 with multiple IP addresses RMON group 1,2,3,9 Port mirroring Yes Challetest utility Yes Challetest utility		Yes	
Insight mobile app & Insight Cloud Portal management  uPh Discovery  Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)  Networking monitoring  Yes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)  Networking monitoring  Yes  Data/performance logs  Centralized network configuration/policies (network-centric management)  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Ves  Multi-witch, multi-port concurrent configuration  Petworkly(bbal password (for all Insight Managed devices)  Networkly(bbal password (for all Insight Managed devices)  Password management  Password management  Password management VLAN  Admin access control via RADIUS and TACACS+  IP's (management VLAN  Admin access control via RADIUS and TACACS+  IP's (management of the over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Yes  Calle test utility  Yes  Les  Ges  Hadina access control via RADIUS and TACACS+  Yes  Res  RMON group 1,2,3,9  Yes  Res  RMON group 1,2,3,9  Yes  Ladie Les utility  Ladie Les utility  Yes  Ladie Les utility  Yes  Ladie Les utility  Ladie Les utility Le	Management, Monitoring & Troubleshooting		
Portal management  uPnP Discovery  Lite Command-line Interface (CLI)  Networking monitoring  Data/performance logs  Centralized network configuration/policies (network-centric management)  Pevice auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Multi-site, multi-port concurrent configuration  Network/global password (for all Insight Managed devices) on a network/y lobal password (for all Insight Managed devices) on a network of management VLAN  Admin access control via RADIUS and TACACS+  IPv6 management  PV6 management  PV6 management  Networl-Qlobal portal)  SNIP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or lasight Cloud portal)  SNIMP v1/v2c  SNIMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Mes (Refer to Lite CLI Manual on NETGEAR Support page of the switch model)  Yes  Port mirroring  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	Cloud/Remote management	Yes	
Lite Command-line Interface (CLI)  Networking monitoring  Pes  Data/performance logs  Centralized network configuration/policies (network-centric management)  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Network/global password (for all Insight Managed devices on a network)  Password management  Pracess List  Pracess List  Pracess List  Pracess List  Pracess List  Configurable management VLAN  Admin access control via RADIUS and TACACS+  IPv6 management  Pres  SNTP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multipe IP addresses  RMON group 1,2,3,9  Port mirroring  Yes  Cable test utility  Yes  Cable test utility  Yes  Cable test utility  Yes  Cable test utility  Yes  Praces  Yes  Yes  Praces  Yes  Yes  Praces  Yes  Praces  Yes  SNMP v3 with multiple IP addresses  Yes  Praces  Praces  Yes  Praces  Pra		Yes	
Networking monitoring Yes Data/performance logs Yes Centralized network configuration/policies (network-centric management) Device auto-join and configure (zero-touch provisioning) Multi-site, multi-network single pane-of-glass view Yes Multi-switch, multi-port concurrent configuration Network/global password (for all Insight Managed devices on a tetwork) Password management WLAN Yes Password management VLAN Yes Configurable management VLAN Yes Admin access control via RADIUS and TACACS+ Yes SNTP client over UDP port 123 Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal) SNMP v1/v2c Yes SNMP v3 with multiple IP addresses RMON group 1,2,3,9 Port mirroring Yes Many-to-one port mirroring Yes Calle test utility Yes SNED Centralized network Yes Yes Candinate auto-provisioning Yes Yes Yes Yes SNED Calle test utility Yes Yes Admin access control via RADIUS and TACACS+ Yes Yes Yes SNED Calle test utility Yes	uPnP Discovery	Yes	
Data/performance logs Yes Centralized network configuration/policies (network-centric management) Device auto-join and configure (zero-touch provisioning) Multi-site, multi-network single pane-of-glass view Yes Multi-switch, multi-port concurrent configuration Yes Multi-switch, multi-port concurrent configuration Yes (per network/subnet via NETGEAR Insight mobile app and Insight Cloud Portal) Network/global password (for all Insight Managed devices on a network) Password management PLAN Yes Configurable management VLAN Yes Configurable management VLAN Yes SNTP client over UDP port 123 Yes NTP client over UDP port 123 Yes SNTP client over UDP port 123 Yes SNTP client over UDP port 123 Yes SNMP v1/v2c Yes SNMP v3 with multiple IP addresses Yes RMON group 1,2,3,9 Yes Port mirroring Yes Many-to-one port mirroring Yes Cable test utility Yes	Lite Command-line Interface (CLI)	Yes (Refer to Lite CLI Manual on NETGEAR Su	upport page of the switch model)
Centralized network configuration/policies (network-centric management)  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Multi-switch, multi-port concurrent configuration  Network/global password (for all Insight Managed devices on a network)  Password management  Paccess List  Paccess List  Configurable management VLAN  Admin access control via RADIUS and TACACS+  IPV6 management  SNTP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v1/v2c  RMON group 1,2,3,9  Potentialized network configuration  Nessword mand soft and soft	Networking monitoring	Yes	
management)  Device auto-join and configure (zero-touch provisioning)  Multi-site, multi-network single pane-of-glass view  Multi-witch, multi-port concurrent configuration  Network/global password (for all Insight Managed devices on a network)  Password management  Password management VLAN  Admin access control via RADIUS and TACACS+  IPV6 management  PV6 managem	Data/performance logs	Yes	
(zero-touch provisioning)YesMulti-site, multi-network single pane-of-glass viewYesMulti-switch, multi-port concurrent configurationYes (per network/subnet via NETGEAR Insight mobile app and Insight Cloud Portal)Network/global password (for all Insight Managed devices on a network)Yes (per network/subnet via NETGEAR Insight mobile app and Insight Cloud Portal)Password managementYesIP Access ListYesConfigurable management VLANYesAdmin access control via RADIUS and TACACS+YesIPv6 managementYesSNTP client over UDP port 123YesFirmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)YesSNMP v1/v2cYesSNMP v3 with multiple IP addressesYesRMON group 1,2,3,9YesPort mirroringYesMany-to-one port mirroringYesCable test utilityYes		Yes	
Multi-switch, multi-port concurrent configuration  Network/global password (for all Insight Managed devices on a network)  Password management  IP Access List  Configurable management VLAN  Admin access control via RADIUS and TACACS+  IPV6 management  IPV6 management  SNTP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Many-to-one port mirroring  Yes  Yes  Cable test utility  Yes  Yes  Yes  Yes  Nes  Yes  Yes  Yes		Yes	
Network/global password (for all Insight Managed devices on a network)  Password management  IP Access List  Configurable management VLAN  Admin access control via RADIUS and TACACS+  IPV6 management  IPV6 management  IV5 yes  SNTP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Many-to-one port mirroring  Yes  Yes  Yes  Cable test utility  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	Multi-site, multi-network single pane-of-glass view	Yes	
on a network) Password management Password management Paccess List Paccess List Pes Configurable management VLAN Pes Admin access control via RADIUS and TACACS+ Pes Prof management Prof mana	Multi-switch, multi-port concurrent configuration	Yes	
IP Access List  Configurable management VLAN  Admin access control via RADIUS and TACACS+  IPv6 management  IPv6 management  SNTP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Many-to-one port mirroring  Cable test utility  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye			
Configurable management VLAN Admin access control via RADIUS and TACACS+ IPv6 management IPv6 management SNTP client over UDP port 123 Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal) SNMP v1/v2c Yes SNMP v3 with multiple IP addresses RMON group 1,2,3,9 Port mirroring Yes Many-to-one port mirroring Cable test utility Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes	Password management	Yes	
Admin access control via RADIUS and TACACS+ IPv6 management Yes SNTP client over UDP port 123 Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal) SNMP v1/v2c Yes SNMP v3 with multiple IP addresses RMON group 1,2,3,9 Port mirroring Yes Many-to-one port mirroring Yes Cable test utility Yes	IP Access List	Yes	
IPv6 management Yes  SNTP client over UDP port 123 Yes  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal) Yes  SNMP v1/v2c Yes  SNMP v3 with multiple IP addresses Yes  RMON group 1,2,3,9 Yes  Port mirroring Yes  Many-to-one port mirroring Yes  Cable test utility Yes	Configurable management VLAN	Yes	
SNTP client over UDP port 123  Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Many-to-one port mirroring  Yes  Cable test utility  Yes	Admin access control via RADIUS and TACACS+	Yes	
Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Yes  Port mirroring  Yes  Many-to-one port mirroring  Yes  Cable test utility  Yes	IPv6 management	Yes	
Insight Cloud portal)  SNMP v1/v2c  SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Many-to-one port mirroring  Yes  Cable test utility  Yes  Yes  Yes  Yes  Yes	SNTP client over UDP port 123	Yes	
SNMP v3 with multiple IP addresses  RMON group 1,2,3,9  Port mirroring  Many-to-one port mirroring  Yes  Cable test utility  Yes  Yes	Firmware upgrade direct from Cloud (via mobile device or Insight Cloud portal)	Yes	
RMON group 1,2,3,9  Port mirroring Yes  Many-to-one port mirroring Yes  Cable test utility Yes	SNMP v1/v2c	Yes	
Port mirroring Yes  Many-to-one port mirroring Yes  Cable test utility Yes	SNMP v3 with multiple IP addresses	Yes	
Many-to-one port mirroring Yes Cable test utility Yes	RMON group 1,2,3,9	Yes	
Cable test utility Yes	Port mirroring	Yes	
•	Many-to-one port mirroring	Yes	
Ping and tracerout client Yes	Cable test utility	Yes	
	Ping and tracerout client	Yes	





Local-only web browser-based management GUI HTTP/TLS Web-based access (version)		es	
	Yes (1.2)		
HTTP firmware upload/download	Ye	es	
Dual software (firmware) image	Ye	es	
Memory and flash log	Ye	es	
Syslog (Server)	Ye	es	
Power Consumption			
Max power (worst case, all ports used, line-rate traffic) (Watts)	20.69W	21.59W	
Max power (worst case, all ports used, full PoE, line-rate traffic) (Watts)	231.07W	396.95W	
Min power (link-down standby) (Watts)	11.3W	13.3W	
Heat Dissipation (max w/full PoE & standby) 'BTU/hr)	Max: 739.42 BTU/hr Min: 36.16 BTU/hr	Max: 1270.24 BTU/hr Min: 42.56 BTU/hr	
Energy Efficient Ethernet (EEE) IEEE 802.3az	Yes (deactivat	ted by default)	
Auto Power Down	Yes (deactivat	ted by default)	
Fan(s) (temperature- and load-based speed control)		2	
Physical Specifications			
Dimensions (W x D x H)	440 x 257 x 43.2 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.1 x 1.7 in)	
Weight	3.15 kg (6.96 lb)	3.7 kg (8.1 lb)	
Mounting options	Desktop, rack mount	Desktop, rack mount	
Environmental Specifications			
Operating			
Operating temperature	0° to 50°C (3	32° to 122°F)	
Humidity (relative)	95% maximum relative humidity (RH), non-condensing		
Altitude	10,000 ft (3,000 m) maximum		
Storage			
Storage temperature	-20° to 70°C	(- 4° to 158°F)	
Humidity (relative)	95% maximum relative humidity (RH), non-condensing		
Altitude	10,000 ft (3,00	0 m) maximum	
Warranty and Support			
Hardware Limited Warranty	Limited Lifetime*		
Next-Business-Day (NBD) Replacement	Limited Lifetime*		
Technical support via phone	90 days free from date of purchase*		
24x7 Online Chat Techinical support	Limited	Lifetime*	
ProSUPPORT OnCall 24x7 Service Packs**	PMB031 PMB033	gory 1 1-10000S 1-10000S 1-10000S	



### Ordering Information

Package Contents	GS724TPv3	GS724TPPv3
Smart Switch	✓	✓
Power Cord (localozed to region of sale)	✓	✓
Mounting Kit	Rack mount	Rack mount
Rubber footpads for tabletop installation	✓	✓
Installation Guide	✓	✓
Ordering Information		
GS724TP		
GS724TP-300AUS	Australia	
GS724TP-300EUS	Europe, including United Kingdom	
GS724TP-300INS	India	
GS724TP-300JPS	Japan	
GS724TP-300KOS	South Korea	
GS724TP-300NAS	North America, Latin America	
GS724TP-300PES	Middle East	
GS724TP-300PRS	China	
GS724TP-300TWS	Taiwan	
GS724TP-300UKS	Hong Kong	
GS724TPP		
GS724TPP-300AUS	Australia	
GS724TPP-300EUS	Europe, including United Kingdom	
GS724TPP-300INS	India	
GS724TPP-300JPS	Japan	
GS724TPP-300KOS	South Korea	
GS724TPP-300NAS	North America, Latin America	
GS724TPP-300PES	Middle East	
GS724TPP-300PRS	China	
GS724TPP-300TWS	Taiwan	
GS724TPP-300UKS	Hong Kong	





### Ordering Information

Optional Modules and Accessories	
AGM731F	SFP Transceiver 1000BASE-SX (Short range, multimode)
AGM732F	SFP Transceiver 1000BASE-LX (Long range, single mode)
AGM734-10000S	SFP Transceiver 1000BASE-T Copper RJ45 GBIC

NETGEAR, the NETGEAR Logo, ProSUPPORT, ProSAFE and Virtually Anywhere are trademarks of NETGEAR, Inc. in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s).

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

D-GS724TP/GS724TPP-25Jan23

<sup>\*</sup> 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.

<sup>\*\*</sup> The NETGEAR OnCall 24x7 contract provides unlimited phone and email technical support for your networking product. For ProSAFE products purchased prior to 06/2014, also includes next business-day hardware replacement.

<sup>†</sup> NETGEAR #1 in US Market Share according to NPD data for Unmanaged and Smart Switches, September 2019. NETGEAR #1 in Europe Market Share according to Context data for Unmanaged and Smart Switches, September 2019.