

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



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

As a leading provider of network equipment for SMBs, NETGEAR<sup>®</sup> 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 high-power PoE devices. Cautious spender organizations can now deploy denser PoE+ devices connected to a cost-effective 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 32.4 dBA (GS724TP) and 35.0 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

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

- Advanced QoS (Quality of Service) for traffic prioritization including port-based, 802.1p and L2/L3/L4 DSCP-based
- Auto DoS (Denial of Service) 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

- Easy to manage via web-based Management interface for multi-switch deployment
- 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

### NETGEAR Quality and Reliability

- Worry-free limited lifetime warranty\*, online technical chat support and Next Business Day (NBD) replacement.



24-Port Gigabit PoE+ Smart Switch  
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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     | 3 internal fans, fixed |

Software-at-a-Glance

| LAYER 2+ / LAYER 3 Lite FEATURES  |   |   |                       |                               |   |                          |   |
|---|---|---|-----------------------|-------------------------------|---|--------------------------|---|
| 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)<br>RMON, SNMP<br>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)<br>Auto-join & configure (zero-touch provisioning)<br>Mult-site, multi-network single pane-of-glass view<br>Multi-switch/multi-port concurrent configuration | PoE on/off<br>Dynamic PoE budget allocation<br>PoE power priority setting<br>PoE Power Usage Metering<br>PoE scheduling | L2, L3, L4, ingress   | IGMP Snooping, Querier        | Static, Dynamic, VoIP, Voice, 8K Max MAC (64 VLANs) | LLDP-MED, RADIUS, 802.1X | LACP and Manual Static LAGs (up to 8 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    | 512 KB        | 500 Mhz MIPS-4KEc CPU       | 100 shared (ingress) | 8K MAC 64 VLANs         | 52 Gbps line-rate | 1G Copper: < 3.749 μs;    | 256                   |
| GS724TPP   |               | 128MB RAM<br>32MB SPI FLASH |                      |                         |                   | 1G Fiber: < 3.129 μs;     |                       |

Ordering Information

| Model Name | Americas        | Europe          | Asia Pacific    | India           | China          |
|------------|-----------------|-----------------|-----------------|-----------------|----------------|
| GS724TP    | GS724TP-200NAS  | GS724TP-200EUS  | GS724TP-200AJS  | GS724TP-200INS  | GS724TP-200PRS |
| GS724TPP   | GS724TPP-100NAS | GS724TPP-100EUS | GS724TPP-100AJS | GS724TPP-100INS | NA             |

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

### 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 troubleshoot 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.   |
| 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: <ul style="list-style-type: none"> <li>• 802.1x authentication (EAP)</li> <li>• Port-based security by locked MAC</li> </ul>   | 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: <ul style="list-style-type: none"> <li>• Port-based or VLAN 802.1p-based prioritization</li> <li>• Layer 3-based (DSCP) prioritization</li> <li>• Port-based egress rate limiting</li> </ul> | 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 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.   |

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

### 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.

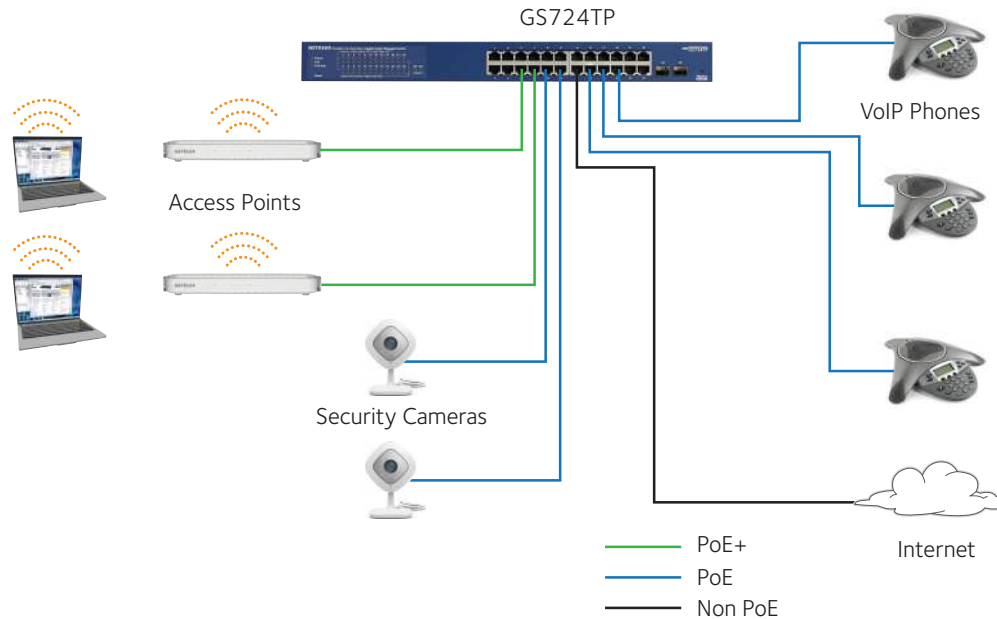
Unique advanced management features of these Insight managed devices include:

- 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 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 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>

## 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.

24-Port Gigabit PoE+ Smart Switch  
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| Technical Specifications  | GS724TPv2  | GS724TPP  |
|---|--|---|
| Gigabit Ethernet RJ-45 Copper ports (10M/100M/1G) - 1000BASE-T  |  | 24  |
| PoE/PoE+ ports  |  | 24  |
| Gigabit SFP (fiber) ports (100M/1G) - 1000BASE-X  |  | 2 (dedicated)   |
| Power Supply  |  | Internal Power Supply   |
| Kensington Lock   |  | Yes (rear)  |
| <b>LEDs</b>   |  |   |
| Front (per device)  | Power (with Cloud Mode Indicator), PoE Max, PoE Fault  |   |
| Front (per port)  | Speed/Link/Activity  |   |
| <b>Unified Network Management (Discovery, Setup, Monitoring, and Management) through NETGEAR Insight Cloud Management</b> |  |   |
| 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 |   |
| Centralized network configuration (policies)  | Centralized network configuration (policies) across Insight managed switches, and wireless access points 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  | Apply settings and policies on multiple ports across multiple switches all at the same time using the Port Config Wizard                         |   |
| <b>Performance Specification</b>  |  |   |
| CPU   | 500 Mhz MIPS-4KEc CPU<br>128MB RAM 32MB SPI FLASH  |   |
| Packet buffer memory (Dynamically shared across only used ports)  | 512 KB   |   |
| 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  | 256  |   |
| Number of VLANs   | 64   |   |
| 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)<br>(64-byte; 1518-byte; 9216-byte frames)   | 64-byte: 3.749 µsec<br>1518-byte: 4.675 µsec<br>9216-byte: 3.762 µsec  | 64-byte: 3.563 µsec<br>1518-byte: 3.717 µsec<br>9216-byte: 3.464 µsec |



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

| Performance Specification   | GS724TPv2   | GS724TPP  |
|---|---|---|
| 1G SFP Fiber latency (µsec)<br>(64-byte; 1518-byte; 9216-byte frames) | 64-byte: 3.129 µsec<br>1518-byte: 4.213 µsec<br>9216-byte: 4.197 µsec | 64-byte: 2.574 µsec<br>1518-byte: 2.764 µsec<br>9216-byte: 2.487 µsec |
| Jumbo frame support   |   | 9216  |
| Acoustic noise level @ 25°C (dBA) (ANSI-S10.12)                       | 32.4 dBA  | 35.0 dBA  |
| Mean Time Between Failures (MTBF) @ 25°C                              | 1,051,375 hrs<br>(120 yrs)  | 634,966 hrs<br>(72 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<br>(enable/disable/power limit)        |   | Yes   |
| Advanced per-port PoE scheduling/timers                               |   | Yes   |
| L2 Services - VLANs   |   |   |
| IEEE 802.1Q VLAN tagging  |   | Yes   |
| Management VLAN   |   | Configurable  |
| 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)  |   | Yes   |
| IGMP snooping querier   |   | Yes   |
| Block unknown multicast   |   | Yes   |
| Multicast groups  |   | 256   |
| DHCP Services   |   |   |
| DHCP client   |   | Yes   |
| DHCP snooping   |   | Yes   |
| Number of DHCP snooping bindings                                      |   | 256   |
| Link Aggregation  |   |   |
| IEEE 802.3ad - LAGs (LACP)  |   | Yes   |
| Manual Static LAG   |   | Yes   |
| # of Static or LACP LAGs  | 8 LAGs with max 8 members in each LAG                                 |   |
| # of Members in each LAG  |   |   |

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

| Network Monitoring and Discovery Services           | GS724TPv2 | GS724TPP             |
|---|-----------|----------------------|
| 802.1ab LLDP  |           | Yes                  |
| LLDP-MED  |           | Yes                  |
| SNMP  |           | v1, v2c, v3          |
| RMON group 1,2,3,9                                  |           | Yes                  |
| <b>Network Security</b>                             |           |                      |
| IEEE 802.1x   |           | Yes (EAP)            |
| Guest VLAN  |           | Yes                  |
| RADIUS-based VLAN assignment via .1x                |           | Yes                  |
| MAC-based .1x                                       |           | Yes                  |
| RADIUS accounting                                   |           | Yes                  |
| Access Control Lists (ACLs)                         |           | L2 / L3 / L4 ingress |
| IP-based ACLs (IPv4 and IPv6)                       |           | Yes                  |
| MAC-based ACLs                                      |           | Yes                  |
| TCP/UDP-based ACLs                                  |           | Yes                  |
| MAC lockdown  |           | Yes                  |
| MAC lockdown by the number of MACs                  |           | Yes                  |
| Control MAC # Dynamic learned entries               |           | 600                  |
| Control MAC # Static entries                        |           | 20                   |
| IEEE 802.1x RADIUS port access authentication       |           | Yes                  |
| Port-based security by locked MAC addresses         |           | Yes                  |
| Broadcast, multicast, unknown unicast storm control |           | Yes                  |
| Protected ports                                     |           | Yes                  |
| DoS attacks prevention                              |           | Yes                  |
| <b>Quality of Service (QoS)</b>                     |           |                      |
| Port-based rate limiting                            |           | Yes egress           |
| 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                                  |           | IPv4 only            |
| TCP/UDP-based                                       |           | Yes                  |
| Weighted Round Robin (WRR)                          |           | Yes                  |
| Strict priority queue technology                    |           | Yes                  |

Auto-VoIP VLAN / Auto-Voice VLAN

Yes, manual or automatic assignment 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

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

| Other Features   | GS724TPv2  | GS724TPP    |
|--|--|-------------|
| Advanced per-port PoE controls (enable/disable/power limit)                    |  | Yes         |
| Advanced per-port PoE scheduling/timers  |  | Yes         |
| Loop detection & prevention  |  | Yes, by STP |
| DNS Client   |  | Yes         |
| Option to enable/disable BPDU flooding when STP is disabled                    |  | Yes         |
| Option to enable/disable the flooding of EAPOL when 802.1x is disabled         |  | Yes         |
| <b>Management, Monitoring &amp; Troubleshooting</b>                            |  |             |
| Cloud/Remote management  |  | Yes         |
| Insight mobile app & Insight Cloud Portal management                           |  | Yes         |
| uPnP Discovery   |  | Yes         |
| Bonjour Discovery  |  | No          |
| Networking monitoring  |  | Yes         |
| Data/performance logs  |  | Yes         |
| Centralized network configuration/policies (network-centric management)        |  | Yes         |
| Device auto-join and configure (zero-touch provisioning)                       |  | Yes         |
| Multi-site, multi-network single pane-of-glass view                            |  | Yes         |
| Multi-switch, multi-port concurrent configuration                              |  | Yes         |
| 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 management  |  | Yes         |
| IP Access List   |  | Yes         |
| Configurable management VLAN   |  | Yes         |
| Admin access control via RADIUS and TACACS+                                    |  | 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         |
| Ping and tracerout client  |  | Yes         |

24-Port Gigabit PoE+ Smart Switch  
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| <b>Management, Monitoring &amp; Troubleshooting</b>                         | <b>GS724TPv2</b>   | <b>GS724TPP</b>                             |
|---|--|---|
| Local-only web browser-based management GUI                                 |  | Yes   |
| HTTP/TLS Web-based access (version)   |  | Yes (1.2)                                   |
| HTTP firmware upload/download   |  | Yes   |
| Dual software (firmware) image  |  | Yes   |
| Memory and flash log  |  | Yes   |
| Syslog (Server)   |  | Yes   |
| <b>Power Consumption</b>  |  |   |
| Max power (worst case, all ports used, line-rate traffic) (Watts)           | 23.35 W  | 32.71 W                                     |
| Max power (worst case, all ports used, full PoE, line-rate traffic) (Watts) | 228.53 W   | 446.70 W                                    |
| Min power (link-down standby) (Watts)                                       | 13.86 W  | 24.70 W                                     |
| Heat Dissipation (max w/full PoE & standby) (BTU/hr)                        | Max: 780.20 BTU/hr<br>Min: 47.32 BTU/hr                          | Max: 1525.00 BTU/hr<br>Min: 84.30 BTU/hr    |
| Energy Efficient Ethernet (EEE) IEEE 802.3az                                |  | Yes (deactivated by default)                |
| Auto Power Down   |  | Yes (deactivated by default)                |
| Fan(s) (temperature- and load-based speed control)                          |  | 2   |
| <b>Physical Specifications</b>  |  |   |
| Dimensions (W x D x H)  | 440 x 204 x 43 mm<br>(17.3 x 8 x 1.7 in)                         | 440 x 204 x 43 mm<br>( 17.3 x 8.0 x 1.7 in) |
| Weight  | 3.15 kg (6.96 lb)  | 3.7 kg (8.18 lb)                            |
| Mounting options  | Desktop, rack mount  | Desktop, rack mount                         |
| <b>Environmental Specifications</b>   |  |   |
| <b>Operating</b>  |  |   |
| Operating temperature   | 0° to 50°C (32° to 122°F)  |   |
| Humidity (relative)   | 95% maximum relative humidity (RH), non-condensing               |   |
| Altitude  | 10,000 ft (3,000 m) maximum                                      |   |
| <b>Storage</b>  |  |   |
| Storage temperature   | -20° to 70°C (- 4° to 158°F)                                     |   |
| Humidity (relative)   | 95% maximum relative humidity (RH), non-condensing               |   |
| Altitude  | 10,000 ft (3,000 m) maximum                                      |   |
| <b>Warranty and Support</b>   |  |   |
| 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 Technical support  | Limited Lifetime*  |   |
| ProSUPPORT OnCall 24x7 Service Packs**                                      | Category 1<br>PMB0311-10000S<br>PMB0331-10000S<br>PMB0351-10000S |   |

## Ordering Information

| Package Contents                          | GS724TPv2   | GS724TPP   |
|---|---|------------|
| Smart switch                              | ✓   | ✓          |
| Power cord (localized to region of sale)  | ✓   | ✓          |
| Mounting kit                              | Rack mount  | Rack mount |
| Rubber footpads for tabletop installation | ✓   | ✓          |
| Installation guide                        | ✓   | ✓          |
| <b>Ordering Information</b>               |   |            |
| <b>GS724TP</b>                            |   |            |
| GS724TP-200AJS                            | Asia Pacific  |            |
| GS724TP-200EUS                            | Europe  |            |
| GS724TP-200INS                            | India   |            |
| GS724TP-200NAS                            | North America, Latin America                          |            |
| GS724TP-200PRS                            | China   |            |
| <b>GS724TPP</b>                           |   |            |
| GS724TPP-100AJS                           | Asia Pacific  |            |
| GS724TPP-100EUS                           | Europe  |            |
| GS724TPP-100INS                           | India   |            |
| GS724TPP-100NAS                           | North America, Latin America                          |            |
| <b>Optional Modules and Accessories</b>   |   |            |
| 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           |            |

\* 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 and email technical support for your networking product. For ProSAFE products purchased prior to 06/2014, also includes next business-day hardware replacement.

† 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.

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D-GS724TP/GS724TPP-26Jan23