



# Partner Marketing Kit



**GWN Series Network Switches**

# GWN Series Network Switches

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# GWN Series Network Switches

## Sales Kit

The sales kit is a guide to everything you need to know about selling the GWN Series Network Switches

The Sales Kit includes:

- Overview and Basics
- Key Differentiators
- Comparison Charts
- Deployment Scenarios
- Integration with other Grandstream Products

### GWN7800 Series - Enterprise Layer 2+ Switches Overview and Basics

**About the GWN7800 Series**

The GWN7800 series are Layer 2+ managed network switches that allow small-to-medium enterprises to build scalable, secure, high-performance, and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The PoE models provide smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points, and other PoE endpoints. The GWN7800 series can be managed in a number of ways, including the local network controller embedded in the web user interface of the GWN7800 series switch. The series is also supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform, and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform.

**Product Positioning**

The enterprise-grade GWN7800 series are ideal managed network switches for small-to-medium enterprises. Switches can be easily managed and configured with an entire GWN Wi-Fi access point deployment through GWN.Cloud or GWN Manager. The GWN7800 switches come with a wide range of features to allow them to be a backbone for any Wi-Fi access point or IP endpoint deployment.

**Competitive Features**

- 8/16/24 Gigabit Ethernet ports and 2/4 Gigabit SFP ports
- Smart power control to support dynamic PoE/PoE+ power allocation per port for PoE models
- Supports deployment in IPv6 and IPv4 networks
- Provides quaternary binding of IP, MAC, VLAN, and port; ARP Inspection, IP Source Guard, DoS protection, port security, and DHCP snooping
- Management through embedded controller or GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform
- Built-in QoS allows for the prioritization of network traffic

**GWN7800 Key Technical Specifications**

	GWN7801(P)	GWN7802(P)	GWN7803(P)
Network Protocol	IPv4, IPv6, IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3af/at, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1s		
Gigabit Ethernet Ports	8	16	24
Max Output Power (PoE Models)	30W per Port, 120W Total	30W per Port, 240W Total	30W per Port, 360W Total
Switching Capability	20Gbps	40Gbps	56Gbps
Forwarding Rate	14.88M packets per second	29.76M packets per second	41.66M packets per second
Switching	8K static, dynamic and filtering MAC addresses, 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN, VLAN virtual interface, GVRP (pending), 8 link aggregation groups, Spanning tree, 64 instances for STP/RSTP/MSTP		

### Enterprise Layer 2+ Switches

**Management and Maintenance**

GWN series switches not only have advanced management options through GWN.Cloud and GWN Manager, but also have a variety of tools to help monitor performance.

- Routers can be managed by Web GUI, CLI (Console, Telnet), and SNMP (v1/v2c/v3).
- Monitoring of CPU and memory usage. Supports common networking tools such as Ping, Traceroute, UDL (TBD) and Copper Test to analyze networking issues.
- Supports RMON, Syslog, traffic statistics, and sFlow (pending) for network optimization.
- LLDP and LLDP-MED for automatic discovery, provisioning, and management of endpoint devices.
- Managed by GWN.Cloud, GWN Manager, and Embedded controller

**PoE Power Supply (PoE Models Only)**

PoE power delivery complies with the IEEE 802.3af/at standards to meet the PoE power requirements for security monitoring, audio and video conferencing, wireless signal coverage and more.

- Supports setting user-defined time period to control the power supply of the PoE port.
- Priority setting of PoE ports; when remaining power is insufficient, it will power the ports based on priorities.
- Users can configure the maximum power allowed per port. The maximum limit is 30W per port.
- Dynamic power negotiation via LLDP-MED

## GWN7830 Series Translations

[English](#)  
[Spanish](#)

## GWN7810/ GWN7820 Series Translations

[English](#)  
[Spanish](#)

## GWN7800 Pro Series Translations

[English](#)

## GWN7800 Series Translations

[English](#)  
[Spanish](#)

## L2 Lite Switches Translations

[English](#)  
[Spanish](#)

## GWN7700(P&PA) Series Translations

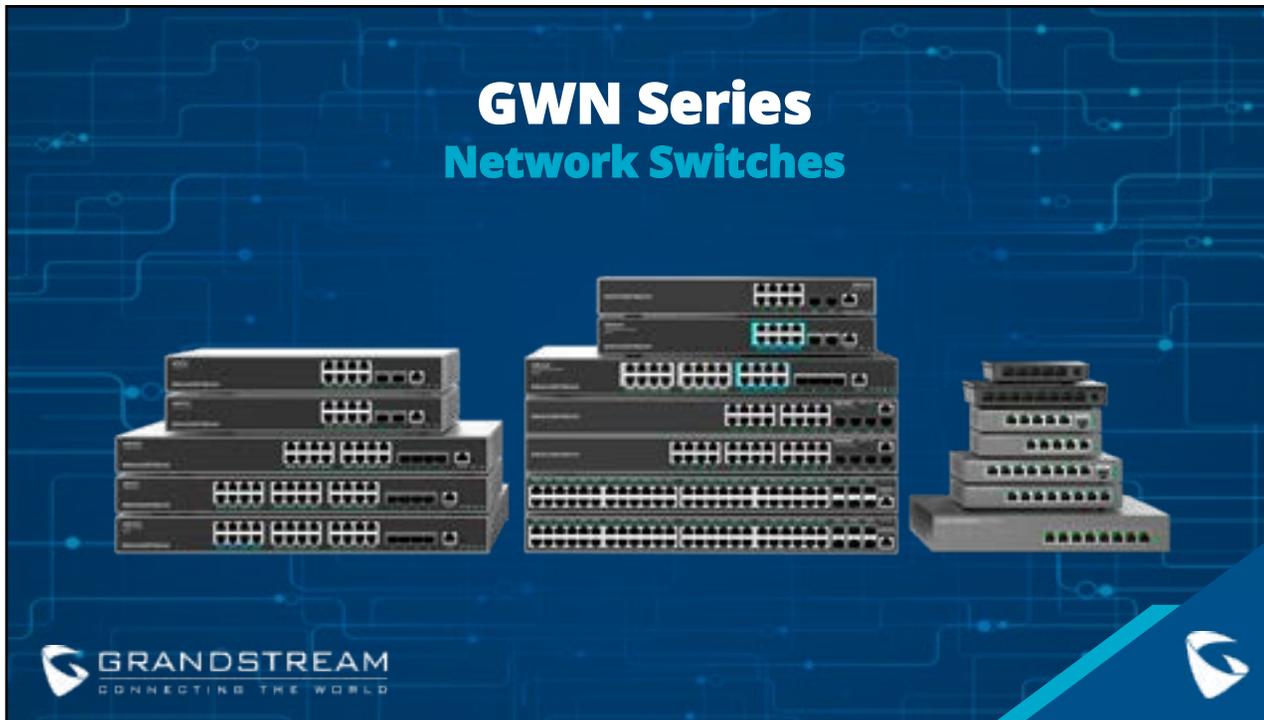
[English](#)  
[Spanish](#)

## GWN7700M Series Translations

[English](#)  
[Spanish](#)

# GWN Series Network Switches

## Presentation



## Translations

[English \(PowerPoint\)](#)

[English \(PDF\)](#)

[Spanish \(PowerPoint\)](#)

[Spanish \(PDF\)](#)

*Note\* Spanish PPT is yet to be updated with the GWN7800 pro series*

# GWN Series Network Switches

## *Promotional Video*



[Grandstream Switch Portfolio Overview Video](#)

[GWN7721 & GWN7722P English](#)

[GWN7721 & GWN7722P Spanish](#)

[GWN7721 & GWN7722P Spanish short](#)

# GWN Series Network Switches

## Comparison Charts

Comparison Charts are short one page resources that clearly highlight the features of Grandstream's products against competitors products or Grandstream's products within the same product line. They can be categorized into two main categories:

1. **Master Comparison Charts** - Comparing Grandstream's products against each other from the same product line.
2. **Grandstream Products vs Competition** - Comparing the features of Grandstream's products against similar competitor's products



### Comparison Charts:

#### GWN7830 Series:

[GWN7831 vs Competition](#)

[GWN7832 vs Competition](#)

#### GWN7810 Series:

[GWN7811P vs Competition](#)

[GWN7813P vs Competition](#)

[GWN7816 vs Competition](#)

[GWN7816P vs Competition](#)

#### GWN7800 Pro Series:

[GWN7803PL Pro vs Competition](#)

[GWN7803PH Pro vs Competition](#)

[GWN7806PL Pro vs Competition](#)

[GWN7806PH Pro vs Competition](#)

#### GWN7800 Series:

[GWN7801P vs Competition](#)

[GWN7802P vs Competition](#)

[GWN7803P vs Competition](#)

[GWN7806 vs Competition](#)

[GWN7806P vs Competition](#)

#### GWN7820 Series:

[GWN7821P vs Competition](#)

[GWN7822P vs Competition](#)

#### GWN7711(P) Series:

[GWN7711P vs Competition](#)

[GWN7711 vs Competition](#)

#### GWN7721P:

[GWN7721P vs Competition](#)

#### GWN7700(P & PA) Series:

[GWN7700 vs Competition](#)

[GWN7700P vs Competition](#)

[GWN7701 vs Competition](#)

[GWN7701P vs Competition](#)

[GWN7701PA vs Competition](#)

[GWN7702 vs Competition](#)

[GWN7703 vs Competition](#)

[GWN7706 vs Competition](#)

#### GWN7700M Series:

[GWN7700M vs Competition](#)

[GWN7701M vs Competition](#)

#### Master Comparison Charts:

[GWN7830 Series Master Chart](#)

[GWN7810 Series Master Chart](#)

[GWN7800 Series Master Chart](#)

[GWN7700 Series Master Chart](#)

# GWN Series Network Switches

## Product Messaging - GWN7801(P) - GWN7802(P) - GWN7803(P) Layer 2+ Managed Network Switches

<b>Tagline</b>	Layer 2+ Managed Network Switches		
<b>Subhead</b>	The GWN7800 series are Layer 2+ managed network switches that allow small-to-medium enterprises to build scalable, secure, high performance, and smart business networks that are fully manageable		
<b>Target Audience</b>	All environments where a communications and networking solution is deployed: enterprises, small-to-medium businesses, hospitality, schools, universities, call centers, healthcare, apartment buildings, etc.		
<b>Product Description</b>	The GWN7800 series are Layer 2+ managed network switches that allow small-to-medium enterprises to build scalable, secure, high performance, and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The PoE models provide smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The GWN7800 series can be managed in a number of ways, including the local network controller embedded in the web user interface of the GWN7800 series switch. The series is also supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform. The enterprise-grade GWN7800 series are the ideal managed network switches for small-to-medium businesses.		
<b>Customer Challenges</b>	An enterprise or business is building or expanding their communications and networking solution and needs to integrate all their endpoints, including IP phones, Wi-Fi APs, security cameras, intercoms, and more, with their centralized network across one or multiple locations.	A hotel, convention center and/or residential complex needs to deploy endpoint solutions around their facility, including Wi-Fi APs and routers, IP phones, security cameras, facility access devices, intercoms and more, to provide network access to guests, residents, and staff for communication and security purposes.	A school or university needs to build or expand their network to support the wealth of internet-connected devices utilized for educational purposes, including smart classroom devices, Wi-Fi APs, voice/video phones, security cameras, intercoms and more. The university also needs to provide network and communication access to student dormitories and staff offices.
<b>Customer Solutions</b>	The GWN7800 Series provides six model options, including PoE and non-PoE options with up to 24 ports, to allow any facility to seamlessly integrate all endpoint solutions with their network and provide them a network connection. By utilizing PoE models, the GWN7800 Series provides an easy way to power all endpoints as well. By adding free cloud, software, or embedded management, built-in QoS for traffic prioritization and support for IPv4 and IPv6 environments, the GWN7800 Series provide the performance, security, and manageability to suit all network requirements - from small offices all the way to multi-national enterprises.		

# GWN Series Network Switches

## Product Messaging - GWN7806(P)

### Layer 2+ Managed Network Switch

<b>Tagline</b>	Enterprise-Grade Layer 2+ Managed Network Switch		
<b>Subhead</b>	The GWN7806(P) is a high-performance layer 2+ managed network switch with 48 ports that allows small-to-medium enterprises to build scalable, secure, and smart business networks that are fully manageable.		
<b>Target Audience</b>	Users who require high-performance networks with maximum network capacity and many devices, including enterprises, small-to-medium businesses, hotels, convention centers, call centers, universities and more.		
<b>Product Description</b>	The GWN7806(P) is 48-port layer 2+ managed network switch that allows small-to-medium enterprises to build scalable, secure, high performance and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP/MLD Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The GWN7806P provides smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. GWN7806(P) is easy to deploy and manage, including managed by the local Web user interface of the GWN7806(P) switch and CLI, the command-line interface. The switch is also supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise network management platform. The GWN7806(P) is the best value enterprise-grade managed switch for small-to-medium businesses.		
<b>Customer Challenges</b>	An enterprise or business is building or expanding their critical, high-performance communications and networking solution and needs to ensure reliable, high-speed network access throughout their facility. They also need to integrate all their endpoints, including IP phones, Wi-Fi APs, security cameras, intercoms, and more, with their centralized network across one or multiple locations.	A hotel, convention center and/or residential complex needs to deploy endpoint solutions around their facility, including Wi-Fi APs and routers, IP phones, security cameras, facility access devices, intercoms and more, to provide network access to guests, residents, and staff for communication and security purposes.	A school or university needs to build or expand their network to support the wealth of internet-connected devices utilized for educational purposes, including smart classroom devices, Wi-Fi APs, voice/video phones, security cameras, intercoms and more. The university also needs to provide network and communication access to student dormitories and staff offices.
<b>Customer Solutions</b>	The GWN7806(P) provides a 48-port, high-performance layer 2+ network switch that includes a suite of enhanced reliability features, making it perfect for any deployment that requires maximum network speeds and expanded network control. 48 ports allow the GWN7806(P) to support many devices, support for stacking allows up to 16 GWN7806(P)s to be managed centrally while creating redundant backups, and added reliability features including fault detection dual system file redundancy ensure that critical network access is always reliable and secure. By adding free cloud, software, or embedded management, built-in QoS for traffic prioritization and support for IPv4 and IPv6 environments, the GWN7806(P) provides the performance, security, and manageability to suit high-performance network requirements.		

# GWN Series Network Switches

## Product Messaging - GWN7800 Pro Series

(GWN7801P Pro - GWN7802P Pro - GWN7803 Pro - GWN7803PL Pro - GWN7803PH Pro - GWN7806PL Pro - GWN7806PH Pro)

## Layer 2++ Managed Network Switches

<b>Tagline</b>	Enterprise-Grade Layer 2++ Managed Network Switch		
<b>Subhead</b>	The next generation of Grandstream's network switches is here. The GWN7800 Pro Series is ideal for demanding small-to-medium businesses as it provides maximum layer 2++ performance thanks to high-speed SFP or SFP+ ports that support network speeds up to 216Gbps network speeds.		
<b>Target Audience</b>	Ideal for small-to-medium sized businesses and offices, as well as vertical solutions for hospitality, residential, education, call centers, healthcare, and more.		
<b>Product Description</b>	The GWN7800 Pro Series are layer 2++ managed network switches that allow small-to-medium businesses to build scalable, secure, and high-performance business networks that are fully manageable. The Pro Series provides high-speed SFP or SFP+ ports, as well as double the RAM and CPU of the GWN7800 Series, allowing it to support demanding business networks with switching capabilities up to 216Gbps. The GWN7800 Pro Series includes an advanced VLAN for flexible and sophisticated network traffic segmentation, advanced QoS for prioritization of network traffic, IGMP/MLD Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The PoE-capable models provide smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The GWN7800 Pro Series supports a variety of free and flexible management options, including cloud management with GDMS Networking, on-premise software management with GWN Manager, the embedded controller in their web user interface, GWN Series Routers, and command-line interface (CLI). By providing high-speed SFP and SFP+ ports, advanced control and segmentation of network traffic, powerful security protection, and flexible management options, the GWN7800 Pro Series are ideal for small to medium businesses.		
<b>Customer Challenges</b>	A demanding business is building or expanding their communications and networking solution and needs to integrate all their endpoints, including IP phones, Wi-Fi APs, security cameras, intercoms, and more, with their centralized network across one or multiple locations.	A hotel or residential complex needs to deploy endpoint solutions around their facility, including Wi-Fi APs and routers, IP phones, security cameras, facility access devices, intercoms and more, to provide network access to guests, residents, and staff for communication and security purposes.	A school or university needs to build or expand their network to support the wealth of internet-connected devices utilized for educational purposes, including smart classroom devices, Wi-Fi APs, voice/video phones, security cameras, intercoms and more. The university also needs to provide network and communication access to student dormitories and staff offices.
<b>Customer Solutions</b>	The GWN7800 Pro Series is ideal for demanding small-to-medium environments as it provides maximum layer 2++ performance thanks to high-speed SFP or SFP+ ports that support up to 216Gbps network speeds. It also offers double the RAM and CPU of the GWN7800 Series, maximizing performance and capacity. By adding free cloud, software, or embedded management, built-in QoS for traffic prioritization and powerful security protection, the GWN7800 Pro Series provide the performance, security, and manageability to suit the most demanding small-to-medium environments.		

# GWN Series Network Switches

## Product Messaging - GWN7830 Series / GWN7820 Series / GWN7810 Series Layer 3 Managed Network Switches

<b>Tagline</b>	Enterprise-Grade Layer 3 Managed Network Switches
<b>Subhead</b>	Build scalable, secure, and high-performance enterprise networks with Grandstream's layer 3 network switches, which include aggregation and multi-gigabit options
<b>Target Audience</b>	Enterprises and medium-to-large businesses who require high-performance networks with maximum network capacity and control
<b>Product Description</b>	<p>The GWN Series includes a full suite of layer 3 network switches to allow enterprises to build high-performance, secure, and scalable information and communication solutions.</p> <ul style="list-style-type: none"><li>• The <b>GWN7830 Series</b> provides layer 3 aggregation switches that support up to 240Gbps switching capacity with SFP and SFP+ ports, along with available redundant power supplies. Three model options provide 2 or 4 Gigabit ports, 6 or 24 Gigabit SFP ports, and 4 or 12 SFP+ ports.</li><li>• The <b>GWN7820 Series</b> are layer 3 multi-gigabit switches that support up to 152Gbps switching capacity with multiple SFP+ ports and PoE output up to 60W per port. Two model options provide 8 or 24 gigabit ports and 2 or 4 SFP+ ports.</li><li>• The <b>GWN7810 Series</b> are layer 3+ switches that support up to 128Gbps switching capacity with multiple SFP+ ports, PoE output up to 60W per port, and available redundant power supplies. Five model options provide 8, 16, or 24 Gigabit ports and 2 or 4 SFP+ ports.</li></ul> <p>GWN Series layer 3 switches provide an advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP/MLD Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. They can be managed from the cloud with GDMS or using our on-premise software, GWN Manager. With complete end-to-end quality of service, flexible security settings, and support for maximum network capacity, GWN Series layer 3 switches provide high-performance network switching, ideal for medium-to-large deployments.</p>
<b>Customer Challenges Solved</b>	An enterprise or large business is building or expanding their critical, high-performance communications and networking solution and needs to ensure reliable, high-speed network access throughout their facility. They need to integrate hundreds or thousands of endpoints, including IP phones, Wi-Fi APs, security cameras, intercoms, and more, with their centralized network across one or multiple locations. They also need the ability to have maximum control of their network and the devices on it with the ability to monitor their networks through their network switches.

# GWN Series Network Switches

## Product Messaging - GWN7711(P) / GWN7710R / GWN7721(P)

### Layer 2 Lite Managed Network Switches

<b>Tagline</b>	Layer 2 Lite Managed Network Switches		
<b>Subhead</b>	The Layer 2 Lite managed network switches that allow small-to-medium businesses to build scalable, secure, and smart networks that are cloud manageable		
<b>Target Audience</b>	Small-to-medium deployments, including small-to-medium businesses, hotels, schools, healthcare, residential, and more		
<b>Product Description</b>	The GWN series of Layer 2 lite managed network switches allow small-to-medium businesses to build scalable, secure, and smart business networks that are easy to use and cloud manageable. They support VLAN for flexible and sophisticated traffic segmentation, QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The L2 Lite switches provide both outdoor and indoor options and offer up to 6 PoE ports for smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The PoE-capable model can also support 24V DC passive PoE-out mode. The switches are easy to manage through the local web user interface and the cloud using the Grandstream Device Management System (GDMS). By supporting both desktop and wall-mount installation, this series is suitable for hotels, home offices, small-to-medium businesses, and more. Thanks to a comprehensive suite of customizable switching features, available 24V DC passive PoE mode, and easy cloud management, the series are the ideal managed network switches for small-to-medium sized deployments.		
<b>Customer Challenges</b>	A small-to-medium business is building or expanding their communications and networking solution and needs to integrate all their endpoints, including IP phones, Wi-Fi APs, security cameras, intercoms, and more, with their centralized network across one or multiple locations.	A hotel, convention center and/or residential complex needs to deploy endpoint solutions around their facility, including Wi-Fi APs and routers, IP phones, security cameras, facility access devices, intercoms and more, to provide network access to guests, residents, and staff for communication and security purposes.	A school needs to build or expand their network to support the wealth of internet-connected devices utilized for educational purposes, including smart classroom devices, Wi-Fi APs, voice/video phones, security cameras, intercoms and more. The university also needs to provide network and communication access to student dormitories and staff offices.
<b>Customer Solutions</b>	The L2 Lite managed switches provide model options for indoor and outdoor usage, including PoE and non-PoE options, each with up to 8 ports, to allow any facility to seamlessly integrate all endpoint solutions with their network and provide them a network connection. The PoE-capable GWN7711P/GWN7721P provides an easy way to power all endpoints as well and adds support for 24V DC passive PoE output. By adding free cloud or Web UI management, built-in QoS for traffic prioritization and support for IPv4 and IPv6 environments, the Layer 2 Lite Series provide the performance, security, and manageability to suit all medium-sized network deployments		

# GWN Series Network Switches

## Product Messaging - GWN7700(P&PA) Series

### Unmanaged Network Switches

<b>Tagline</b>	Unmanaged Network Switches		
<b>Subhead</b>	The GWN7700 series are unmanaged network switches that provide a quick and cost-effective way to add high-speed Gigabit connectivity to home offices and small-to-medium sized businesses.		
<b>Target Audience</b>	Small-to medium businesses, homes/home offices, and similar smaller deployments		
<b>Product Description</b>	The GWN7700 series are unmanaged network switches that provide a quick and cost-effective way to add high-speed Gigabit connectivity to home offices and small/medium businesses. It requires no configuration or installation, offers a desktop and wall-mountable design, and provides auto MDI/MDIX to eliminate the need for crossover cables. Each port supports auto-negotiation to allow the GWN7700 series to recognize the link speed of any 10/100/1000Mbps network device and intelligently adjust for compatibility and optimal performance. The PoE (Power-over-Ethernet) models provide ports with IEEE 802.3af/at compliant, smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The plug-and-play GWN7700 series are the ideal unmanaged network switches for home offices and small-to medium businesses.		
<b>Customer Challenges</b>	A small office needs to deploy or expand their office network with communication endpoints, Wi-Fi APs, routers and facility access/surveillance to allow staff to work and stay connected throughout the space.	A home office needs a solution to provide network connection and power to critical devices required to keep the home office connected, including computers, laptops, printers, desktop phones, cordless phones, routers, Wi-Fi APs, security cameras, TVs, and more.	A home or residential complex is deploying a home security, home automation and/or smart home solutions and needs to provide internet connection and power to these devices, including security cameras, display panels/stations, intercoms, Wi-Fi APs, doorbell cameras, smart HVAC devices, smart lighting systems, etc.
<b>Customer Solutions</b>	The GWN7700 Series provides plug-and-play network switches that make it quick and easy to deploy or expand any office communications and networking deployment while offering a range of models with and without PoE to provide the ideal models for every small office deployment.	The plug-and-play GWN7700 Series requires no configuration or installation at all, making them ideal for home office users. One GWN7700 device can provide power and connection for all devices within a home office. With a suite of models to choose from, the ideal model for every home office exists within the GWN7700 Series.	By offering true plug-and-play capability, the GWN7700 Series are the ideal network switches for smart home, security, and home automation installations. These sleek and streamlined models make it easy to provide network connection and power to any area of the home, and the wide range of models provides the best solution for every need.

# GWN Series Network Switches

## Product Messaging - GWN7700M - GWN7700MP - GWN7701M 2.5G Multi-Gigabit Unmanaged Network Switches

<b>Tagline</b>	Unmanaged 2.5G Multi-Gigabit Network Switches	
<b>Subhead</b>	The GWN7700M, GWN7700MP and GWN7701M are 6 & 9 port unmanaged multi-Gigabit network switches that provide high-speed network connectivity up to 2.5Gbps to home offices and small-to-medium businesses	
<b>Target Audience</b>	Small-to medium businesses, homes, home offices, and similar smaller deployments that require advanced speeds to support HD video meetings, streaming media, large file transfers, home automation, 4k gaming and video streaming, etc.	
<b>Product Description</b>	These devices are unmanaged multi-Gigabit network switches that provide high-speed network connectivity up to 2.5Gbps to home offices and small-to-medium businesses. The se 6 and 9-port multi-Gigabit switches support fast Ethernet, 1-Gigabit and 2.5-Gigabit network speeds while including 1 SFP+ Gigabit fiber port that provides 1-Gigabit or 10-Gigabit high-speed uplink connectivity to your network. The GWN7700M, GWN770MP, and GWN77001M require no configuration or installation, are desktop and wall-mountable, and provide auto MDI/MDIX to eliminate the need for crossover cables. They support auto negotiation on each port to recognize the speeds of 100/1000/2500Mbps network devices and intelligently adjust f or compatibility and optimal performance. The GWN7700MP provide ports with IEEE 802.3af/at compliant, smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The plug-and-play GWN7700M, GWN7700MP, and GWN7701M are the ideal unmanaged network switches for home offices and small-to-medium businesses that require high-speed, multi-Gigabit connectivity.	
<b>Customer Challenges</b>	A small-to-medium business is building, expanding or updating their office network and requires advanced high-speed connectivity since they rely on HD video meetings, large file transfers, streaming media and similar bandwidth-intensive activity.	A home or home office requires switches to provide advanced high-speeds to devices throughout the house to support home automation, smart home solutions, a busy home office, 4k video streaming, 4k online gaming, and more.
<b>Customer Solutions</b>	The GWN7700M Series is ideal for SMBs that require high-speed connectivity throughout their office as it supports speeds up to 2.5Gbps. These easy-to-use multi-gigabit network switches are plug-and-play as they require no setup or configuration.	Homes are more connected then ever before and often require consistent high-speed network access in order to keep the home safe, secure and connected. The GWN7700M Series is ideal for the connected home as it provides speeds up to 2.5Gbps, ideal for a home network of computers, laptops, TVs, smart devices, phones, HVAC, intercom, surveillance, home automation platforms and more.

# GWN Series Network Switches

## GWN7801(P) - GWN7802(P) - GWN7803(P)

### Layer 2+ Managed Network Switches



#### Enterprise Layer 2+ Managed Network Switch

##### GWN7801(P) - GWN7802(P) - GWN7803(P)

The GWN7800 series are Layer 2+ managed network switches that allow small-to-medium enterprises to build scalable, secure, high performance, and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The PoE models provide smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The GWN7800 series can be managed in a number of ways, including the local network controller embedded in the web user interface of the GWN7800 series switch. The series is also supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform. The enterprise-grade GWN7800 series are the ideal managed network switches for small-to-medium businesses.



8/16/24 Gigabit Ethernet ports and 2/4 Gigabit SFP ports



Smart power control to support dynamic PoE/PoE+ power allocation per port for the PoE models



Supports deployment in IPv6 and IPv4 networks



Provides quaternary binding of IP, MAC, VLAN & port; ARP Inspection, IP Source Guard, DoS protection, port security & DHCP snooping



Embedded controller to manage switch; GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform



Built-in QoS allows for prioritization of network traffic

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	GWN7801	GWN7801P	GWN7802	GWN7802P	GWN7803	GWN7803P
<b>Network Protocol</b>	IPv4, IPv6, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3a, IEEE 802.3x, IEEE 802.3af/at, IEEE 802.1p, IEEE 802.1w, IEEE 802.1s, IEEE 802.1x					
<b>Gigabit Ethernet Ports</b>	8			4		24
<b>Gigabit SFP Ports</b>	2		1			
<b># of PoE Ports</b>	/	8	/	16	/	24
<b>Integrated Power Supply</b>	30W	150W	30W	270W	30W	400W
<b>Max Output Power per PoE Port</b>	/	30W	/	30W	/	30W
<b>Max Total PoE Output Power</b>	/	120W	/	240W	/	360W
<b>PoE Standards</b>	/	IEEE 802.3af/at	/	IEEE 802.3af/at	/	IEEE 802.3af/at
<b>Auxiliary Ports</b>	1x Reset Pinhole					
<b>Forwarding Mode</b>	Store-and-forward					
<b>Total non-blocking throughput</b>	10Gbps		20Gbps		28Gbps	
<b>Switching Capability</b>	200Gpps		400Gpps		56Gpps	
<b>Forwarding Rate</b>	14.88M packets per second		29.76M packets per second		41.66M packets per second	
<b>Packet Buffer</b>	41MB					
<b>Switching</b>	<ul style="list-style-type: none"> <li>8K static, dynamic and filtering MAC addresses</li> <li>4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN</li> <li>VLAN virtual interface (vVIF) (pending)</li> <li>8 link aggregation groups</li> <li>Spanning tree: 64 instances for STP/RSTP/MSTP</li> </ul>					
<b>Multicast</b>	IGMP Snooping, MLD Snooping, MVR					
<b>QoS/ACL</b>	<ul style="list-style-type: none"> <li>Auto detection and prioritization of voice/video/RTSP/SIP/other latency-sensitive packets (pending)</li> <li>Port priority</li> <li>Priority mapping</li> <li>Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ</li> <li>Traffic shaping</li> <li>Rate limit</li> <li>1.5K ACL for Ethernet, IPv4 and IPv6</li> </ul>					
<b>DHCP</b>	DHCP server, DHCP relay, Option 82, 60, 160 and 43					
<b>Maintenance</b>	CPU and memory monitoring, SNMP, RMON, LLDP/LLDP-MED, backup and restore, syslog, alert, diagnostics including Ping, Traceroute, port mirroring, L2/L3 (L2/L3) and copper test					
<b>Security</b>	<ul style="list-style-type: none"> <li>User hierarchical management and password protection, HTTPS, SSH, Telnet</li> <li>802.1X authentication</li> <li>AAA authentication including RADIUS, TACACS+</li> <li>Storm control</li> <li>Port isolation, port security, sticky MAC</li> <li>Filtering MAC address</li> <li>IP source guard, DoS attack prevention, ARP inspection</li> <li>DHCP Snooping</li> <li>Loop protection including BPDU protection, root protection and loopback protection</li> <li>Kerberos Security Svc (Kerberos) Lock support</li> </ul>					
<b>Mounting</b>	Desktop, wall-mount, or rack-mount (rack-mount brackets included)					
<b>LEDs</b>	1x tri-color LED for device tracking and status indication, 10x green LEDs for data ports, 8x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 10x green-color LEDs for data ports, 8x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 20x green LEDs for data ports, 16x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 20x green-color LEDs for data ports, 16x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 28x green-color LEDs for data ports, 24x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 28x green-color LEDs for data ports, 24x yellow-color LEDs for PoE ports
<b>Fan</b>	/	/	/	/	/	2
<b>Environmental</b>	Operation: 0°C to 45°C, humidity: 10-90% RH (Non-condensing) Storage: -10°C to 60°C, humidity: 5% to 95% (Non-condensing)					
<b>Dimensions</b>	30mm(L) x 175mm(W) x 44mm(H)		40mm(L) x 200mm(W) x 44mm(H)			
<b>Unit Weight</b>	1.8kg	2kg	2.6kg	3kg	2.7kg	3.3kg
<b>Package Content</b>	Switch, 1x 1.2m(10A) AC Cable, 1x Ground Cable, 4x Rubber Feet, 2x Lug Ear		Switch, 1x 1.2m(10A) AC Cable, Rack-mounting Standard Brackets, 1x Ground Cable, 4x Rubber Feet, 2x Lug Ear			
<b>Compliance</b>	FCC, CE, RoHS, IC, UKCA					

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# GWN Series Network Switches

## GWN7806(P)

### Layer 2+ Managed Network Switch




### Enterprise Layer 2+ Managed Network Switch

#### GWN7806(P)

The GWN7806(P) is layer 2+ stackable managed network switch that allows small-to-medium enterprises to build scalable, secure, high performance and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP/MLD Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The GWN7806P provides smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. GWN7806(P) is easy to deploy and manage, including managed by the local Web user interface of the GWN7806(P) switch and CLI, the command-line interface. The switch is also supported by GWN Series Routers, GOMS Networking and GWN Manager, Grandstream's cloud and on-premise network management platform. The GWN7806(P) is the best value enterprise-grade managed switch for small-to-medium businesses.



48 Gigabit Ethernet ports and 6 10Gigabit SFP+ ports



Smart power control to support dynamic PoE/PoE+ power allocation per port for the PoE models



Supports deployment in IPv6 and IPv4 networks



Reliability features including fault detection, device protection, dual boot, dual system file redundancy, link aggregation, storm control, and more



ARP Inspection, IP Source Guard, DoS protection, port security & DHCP-snooping



Embedded controller to manage switch, GWN Series Routers, GWN, Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform



Built-in QoS allows for prioritization of network traffic



Supports stacking for easy management of up to 4 switches in one interface while creating redundant backup between multiple devices

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	GWN7806	GWN7806P
<b>Network Protocol</b>	IPv4, IPv6, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3ad, IEEE 802.3a, IEEE 802.3ah, IEEE 802.3af, IEEE 802.1p, IEEE 802.1Q, IEEE 802.3AB, IEEE 802.1p, IEEE 802.1D, IEEE 802.1x, IEEE 802.1w, IEEE 802.1x	
<b>Gigabit Ports</b>		48
<b>SFP+ Ports</b>		6
<b>Console</b>		1
<b># of PoE Ports</b>	/	48
<b>Integrated Power Supply</b>	60W	470W
<b>Maximum Output Power Per PoE Port</b>	/	30W
<b>Max Total PoE Output Power</b>	/	400W
<b>PoE Standards</b>	/	IEEE 802.3af/at
<b>Auxiliary Ports</b>		1x Reset Pinhole
<b>Forwarding Mode</b>		Store-and-forward
<b>Total non-blocking throughput</b>		108Gbps
<b>Switching Capability</b>		215Gpps
<b>Forwarding Rate</b>		160.704Mpps
<b>Packet Buffer</b>		16Mb
<b>Switching</b>		<ul style="list-style-type: none"> <li>• 32K static, dynamic and filtering MAC addresses</li> <li>• 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN</li> <li>• VLAN virtual interface</li> <li>• GVRP (pending)</li> <li>• 27 link aggregation</li> <li>• Spanning tree, 64 instances for STP/RSTP/MSTP</li> </ul>
<b>Routing</b>		Static routing
<b>Multicast</b>		<ul style="list-style-type: none"> <li>• IGMP Snooping</li> <li>• MLD Snooping</li> <li>• MVR (pending)</li> </ul>
<b>QoS/ACL</b>		<ul style="list-style-type: none"> <li>• Port priority</li> <li>• Priority mapping</li> <li>• Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ</li> <li>• Traffic shaping</li> <li>• Rate limit</li> <li>• 4K ACL for Ethernet, IPv4 and IPv6</li> </ul>
<b>DHCP</b>		DHCP server, DHCP relay, DHCP Option 82, 60, 160 and 43
<b>Maintenance</b>		CPU and memory monitoring, SNMP, RMON, LLDP&LLDP-MED, backup and restore, syslog, diagnostics including Ping, Traceroute, port mirroring, UDLD(TBD) and copper test
<b>Security</b>		<ul style="list-style-type: none"> <li>• User hierarchical management and password protection, HTTPS, SSH, Telnet</li> <li>• 802.1X authentication</li> <li>• AAA authentication including RADIUS, TACACS+</li> <li>• Storm control</li> <li>• Port isolation, port security, sticky MAC</li> <li>• Filtering MAC address</li> <li>• IP source guard, DoS attack prevention, ARP inspection</li> <li>• DHCP Snooping</li> <li>• Loop protection including BPDU protection, root protection(pending) and loopback protection(pending)</li> <li>• Kensington Security Slot (Kensington Lock) support</li> </ul>
<b>Mounting</b>		Desktop, Back-Mount(track-mounting kits included)
<b>LEDs</b>		1x tri-color LED for device tracking and status indication 54x green-color LEDs for data transferring 48x yellow-color LEDs for PoE powered (GWN7806P)
<b>Fan</b>		3
<b>Environmental</b>		Operation: 0°C to 45°C, humidity: 10% to 90% RH(Non-condensing) Storage: -10°C to 60°C, humidity: 10% to 90% RH(Non-condensing)
<b>Dimensions</b>		440mm(L)x301mm(W)x44mm(H)
<b>Unit Weight</b>	4.0kg	5.1kg
<b>Package Content</b>		Switch, 1x 1.2m(10A) AC Cable, 1x 25cm Ground Cable, 4x Rubber Footpads, 2x Rack-Mounting kits, 8x Screws(PM 3*6), 1x Power Cord Anti-Trip, 1x Quick Installation Guide, 1x Console Cable(Optional)
<b>Compliance</b>		FCC, CE, RCM, IC, UKCA

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# GWN Series Network Switches

## GWN7800 Pro Series - Layer 2++ Managed Network Switches

(GWN7801P Pro - GWN7802P Pro - GWN7803 Pro - GWN7803PL Pro - GWN7803PH Pro - GWN7806PL Pro - GWN7806PH Pro)





### Enterprise Layer 2++ Managed Network Switches

#### GWN7800 Pro Series

The GWN7800 Pro Series are layer 2++ managed network switches that allow small-to-medium enterprises to build scalable, secure, and high-performance business networks that are fully manageable. This Series provides high-speed SFP or SFP+ ports and Gigabit Ethernet ports on all models to support demanding business networks and offer switching capabilities up to 216Gbps. The GWN7800 Pro Series includes an advanced VLAN for flexible and sophisticated network traffic segmentation, advanced QoS for prioritization of network traffic, IGMP/MLD Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The PoE-capable models provide smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The GWN7800 Pro Series supports a variety of free and flexible management options, including cloud management with GDM5 Networking, on-premise software management with GWN Manager, the embedded controller in their web user interface, GWN Series Routers, and command-line interface (CLI). By providing high-speed SFP and SFP+ ports, advanced control and segmentation of network traffic, powerful security protection, and flexible management options, the GWN7800 Pro Series are ideal for small to medium enterprises.



8/16/24/48 Gigabit Ethernet ports with 2 SFP, 2 SFP+, or 6 SFP+ ports



Smart power control to support dynamic PoE/PoE+/PoE++ (on select models) power allocation per port for the PoE-capable models



Supports deployment in IPv6 and IPv4 networks



ARP Inspection, IP Source Guard, DoS protection, port security & DHCP snooping



Flexible management options include the controller embedded in their WebUI, GDM5 Networking (cloud), GWN Manager (software), GWN Series Routers, and CLI



Pro AV (pending) uses built-in QoS that allows for prioritization of network traffic.

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Hardware Specifications							
	GWN7801P Pro	GWN7802P Pro	GWN7803 Pro	GWN7803PL Pro	GWN7803PH Pro	GWN7806PL Pro	GWN7806PH Pro
<b>Interfaces</b>							
Gigabit Ethernet Ports	8	16	24		48		
SFP/SFP+ Ports	2x 2.5G SFP		2x SFP+			6x SFP+	
Maximum Amount of Supported Modules			SM-10G: 2 MM-10G: 2 RJ45-10G: 2			SM-10G: 6 MM-10G: 6 RJ45-10G: 3	*Note: RJ45-10G modules must be internal inserted
MGMT Ports	1x Console port						
Auxiliary Ports	1x Reset Pinhole						
<b>LEDs</b>							
System LEDs	1x tri-color LED for device tracking and status indication						
Power Supply LEDs	/	2x green-color LEDs for per power supply PWR&RPS		/	2x green-color LEDs for per power supply PWR&RPS		
Data Transferring LEDs	10x green-color LEDs	18x green-color LEDs	26x green-color LEDs			54x green-color LEDs	
PoE Supply LEDs	8x yellow-color LEDs	16x yellow-color LEDs	/	24x yellow-color LEDs		48x yellow-color LEDs	
<b>System</b>							
Flash	32MB Nor Flash				8MB Nor Flash, 128MB NAND Flash		
RAM	128MB RAM		256MB RAM		512MB RAM		
CPU	Single-core, MIPS InterActive™ 1GHz				Dual-core, MIPS InterActive™ 1GHz		
<b>Forwarding Mode</b>							
Store-and-forward							
Total non-blocking throughput	13Gbps	36Gbps	44Gbps		108Gbps		
Switching Capability	26Gbps	72Gbps	88Gbps		216Gbps		
Forwarding Rate	19.34Mpps	53.56Mpps	65.47Mpps		160.79Mpps		
Packet Buffer	8.4Mb						
Network Latency	<4µs	<4µs	<4µs	<4µs	<4µs	<4µs	<4µs
<b>Power Supply</b>							
Power Supply	100-240V~ 50/60Hz						
Redundant Power Supply	/	1+1 External RPS, One by default		/	1+1 External RPS, One by default		
External Redundant Power Supply (RPS)	/	30W		/	460W	460W	800W
Max Power Consumption	9.0W 145.5W(PoE120W)	21.8W 294.4W(PoE 250W)	21.4W	27.0W 299.2W(PoE 250W)	30.5W 471.4W(PoE 400W)	65.4W 509.3W(PoE 400W)	68.0W 870.9W(PoE 720W)
Max Output Power	145.5W	294.4W	21.4W	299.2W	471.4W	509.3W	870.9W
<b>PoE</b>							
PoE Standards	IEEE 802.3af/at		IEEE 802.3af/at/bt	/	IEEE 802.3af/at	IEEE 802.3af/at/bt	IEEE 802.3af/at
# of PoE Ports	8	16	/	24		48	
Max Output Power per PoE Port	30W	60W	/	30W	60W	30W	60W
Max Total PoE Output Power	120W	250W	/	250W	400W	400W	720W

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# GWN Series Network Switches

## GWN7811(P) - GWN7812(P) - GWN7813(P)

### Layer 3 Managed Network Switches




### Enterprise Layer 3 Managed Network Switch

#### GWN7811(P) - GWN7812(P) - GWN7813(P)

The GWN7810 series are Layer 3 managed network switches that allow medium-to-large enterprises to build scalable, secure, high performance and smart business networks that are fully manageable. It supports advanced VLAN for flexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP/MLD Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The PoE models provide smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. GWN7810 series can be managed in a number of ways, including the local Web user interface of the GWN7810 series switch and CLI, the command-line interface. The series is also supported by GWN series routers, GDM5 Networking and GWN Manager, Grandstream's cloud and on-premise network management platform. The GWN7810 series are the best value enterprise-grade managed network switches for medium-to-large businesses.



8/16/24 Gigabit Ethernet ports and 2/4 10Gigabit SFP+ ports



Smart power control to support dynamic PoE/PoE+ power allocation per port for the PoE models. Ports 1-8 on the GWN7813P supports PoE++



Supports deployment in IPv6 and IPv4 networks



ARP Inspection, IP Source Guard, DoS protection, port security & DHCP snooping



Embedded controller to manage switch, GWN series Routers, GDM5 Networking and GWN Manager, Grandstream's cloud and on-premise network management platform



Built-in QoS allows for prioritization of network traffic



Supports stacking for easy management on one interface while creating redundant backup between multiple devices

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	GWN7811	GWN7811P	GWN7812P	GWN7813	GWN7813P
<b>Network Protocol</b>	IPv4, IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3ae, IEEE 802.3af/at, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1d, IEEE 802.1s, IEEE 802.3ad, IEEE 802.3ad, IEEE 802.3AB, IEEE 802.1r, IEEE 802.1x				
<b>Gigabit Ethernet Ports</b>	8		16		24
<b>10Gigabit SFP+ Ports</b>		2		4	
<b>Console</b>	1				
<b># of PoE Ports</b>	/	8	16	/	24
<b>Link Aggregation</b>	10				
<b>External Redundant Power Supply (RPS)</b>	/	/	/	12V/5A(60W)	54V(300W)
<b>Max Output Power per PoE Port</b>	/	30W	30W	/	60W(1.8PoE++) 30W(2x)
<b>Max Total PoE Output Power</b>	/	120W	240W	/	360W
<b>PoE Standards</b>	IEEE 802.3af/at				
<b>Auxiliary Ports</b>	1x Reset Pinhole				
<b>Forwarding Mode</b>	Store-and-forward				
<b>Total non-blocking throughput</b>	28Gbps		56Gbps		64Gbps
<b>Switching Capability</b>	46Gbps		112Gbps		128Gbps
<b>Forwarding Rate</b>	41.64Mpps		83.32Mpps		95.23Mpps
<b>Packet Buffer</b>	12MB				
<b>Switching</b>	<ul style="list-style-type: none"> <li>16K static, dynamic and filtering MAC addresses</li> <li>4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN</li> <li>VLAN virtual interface</li> <li>QoS (pending)</li> <li>Spanning tree, 32 instances for STP/RSTP/MSTP</li> </ul>				
<b>Routing</b>	<ul style="list-style-type: none"> <li>Static routing</li> <li>Dynamic routing, including RIP, RIPv2, OSPF and OSPFv3</li> <li>Policy routing (pending)</li> </ul>				
<b>Multicast</b>	<ul style="list-style-type: none"> <li>IGMP Snooping</li> <li>MLD Snooping</li> <li>AMP (pending)</li> </ul>				
<b>QoS/ACL</b>	<ul style="list-style-type: none"> <li>Port priority</li> <li>Priority mapping</li> <li>Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ</li> <li>Traffic shaping</li> <li>Rate limit</li> <li>2K ACL for Ethernet, IPv4 and IPv6</li> </ul>				
<b>DHCP</b>	DHCP server, DHCP relay, DHCP Option 82, 60, 160 and 43				
<b>Maintenance</b>	CPU and memory monitoring, SNMP, RMON, LLDP&LLDP-MED, backup and restore, syslog, diagnostics including Ping, Traceroute, port mirroring, UDLD (TBD) and copper test				
<b>Security</b>	<ul style="list-style-type: none"> <li>User hierarchical management and password protection, HTTPS, SSH, Telnet</li> <li>802.1X authentication</li> <li>AAA authentication including RADIUS, TACACS+</li> <li>Storm control</li> <li>Port isolation, port security, sticky MAC</li> <li>IP source guard, DoS attack prevention, ARP inspection</li> <li>DHCP Snooping</li> <li>Loop protection including BPDU protection, root protection(pending) and loopback protection(pending)</li> <li>Kensington Security Slot (Kensington Lock) support</li> </ul>				
<b>Mounting</b>	Desktop, Wall-Mount, or Rack-Mount(rack-mounting bits included)				
<b>System LEDs</b>	1x tricolor LED for device tracking and status indication				
<b>Power Supply LEDs</b>	/	/	/	/	2x bi-color LEDs for per power supply PWR&RPS
<b>Data Transferring LEDs</b>	10x green-color LEDs				
<b>PoE Forwarded LEDs</b>	/	8x yellow-color LEDs	16x yellow-color LEDs	/	24x green-color LEDs
<b>Fan</b>	/	/	2	/	3
<b>Environmental</b>	Operation: 0°C to 45°C, humidity 10-90% RH(Non-condensing) Storage: -10°C to 60°C, humidity 5% to 95% RH(Non-condensing)				
<b>Dimensions</b>	330mm(L)x176mm(W)x44mm(H)		440mm(L)x200mm(W)x44mm(H)		440mm(L)x200mm(W) x44mm(H)
<b>Unit Weight</b>	1.45kg	2.17kg	3.03kg	2.94kg	4.69kg
<b>Package Content</b>	<ul style="list-style-type: none"> <li>1x Switch</li> <li>1x 1.2m(5A) AC Cable</li> <li>1x 25cm Ground Cable</li> <li>4x Rubber Feetpads</li> <li>1x Power Cord Anti-Trip</li> <li>8x Screws (M 3#)</li> <li>1x Quick Installation Guide</li> <li>1x Console Cable(Optional)</li> </ul>				
<b>Compliance</b>	FCC, CE, RoHS, IC, UKCA				

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# GWN Series Network Switches

## GWN7721(P)

### Layer 2 Lite Managed 2.5Gigabit Switches Network




#### Layer 2 Lite Managed 2.5 Gigabit Switches GWN7721(P)

The GWN7721 and GWN7721P are 10-port Layer 2 Lite Managed Switches equipped with 8 2.5-Gigabit Ethernet ports and 2 10-Gigabit SFP+ ports to allow small-to-medium businesses to build scalable and secure high-speed networks. These devices support complex VLAN traffic segmentation, port-based VLAN, DSCP and 802.1p QoS priority management modes and IGMP Snooping to provide bandwidth control and maximize network performance. The GWN7721(P)s 8 Ethernet ports all provide PoE power output, suitable for IP phones, IP cameras, Wi-Fi access points, and more. These Layer 2 Lite network switches offer a variety of free and flexible management options, including cloud management with GOMS Networking, on-premise software management with GWN Manager, and through their web user interface. By providing high-speed 2.5 Gigabit Ethernet and 10 Gigabit SFP+ ports, layer 2 lite control, flexible management options, and advanced security protection, the GWN7721 and GWN7721(P) are ideal for small-to-medium businesses, hotels, home offices, and more.

- 8x 2.5 Gigabit Ethernet ports and 2x 10 Gigabit SFP+ ports
- GWN7721P ports 1-8 support PoE and provide smart power control to support Dynamic PoE+ power allocation per port
- Supports Loop Detection, Cable Test and Port Mirroring to quickly locate network faults
- DNMPo2 remote monitoring, fault diagnosis, configuration management
- STP/RSTP to guarantee fast convergence, ensure network stability and provide link load balancing
- Free and flexible management options include the local web user interface, GWN Manager and GOMS Networking
- DHCP Snooping ensures DHCP packets are only allowed from trusted ports to keep the DHCP environment safe
- Built-in QoS allows for prioritization of network traffic

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	GWN7721	GWN7721(P)
<b>Network Protocol</b>	(IPv4, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.1w, IEEE 802.3af, IEEE 802.3at)	
<b>2.5 Gigabit Ethernet Ports</b>	8	
<b>10Gigabit SFP+ Ports</b>	2	
<b>Maximum no. of Supported MACs</b>	16K	
<b>PoE Port Power</b>	8	
<b>Power Supply</b>	External 220V/115V AC	Internal 110V/220V AC
<b>PoE Output</b>	Port 1-8 support 802.3af/at standard PoE out: Max 30W per port PoE out	Port 1-8 support 802.3af/at standard PoE out: Max 30W per port PoE out
<b>Max. Total PoE Output Power</b>	240W	
<b>Max. Output Power per PoE Port</b>	30W	
<b>Auxiliary Ports</b>	1x Reset Port 1x Console Port	
<b>Forwarding Mode</b>	Store and Forward	
<b>Total non-blocking Forwarding Capacity</b>	400Gbps	
<b>Switching Capacity</b>	800Gbps	
<b>Jump</b>	1518/2048/912/4096/12288/4096/16384/65536/262144	
<b>Forwarding Rate</b>	16.5Mpps	
<b>Pack Buffer</b>	80K	
<b>MAC</b>	16K MAC address table	
<b>VLAN</b>	* Supports up to 32 VLANs (out of 4K VLAN ID) port-based VLAN, 802.1Q VLAN, DHCP Snooping	
<b>LAG</b>	S	
<b>Multicast</b>	* Auto-principalization of the incoming port IP packet IGMP Snooping, Report Message Suppression, Priority Mapping, Queue Scheduling, including SF, WFQ	
<b>QoS</b>	* Supports port priority, 802.1p priority, and DSCP priority Bandwidth control, Rate Limit	
<b>DHCP</b>	* DHCP client	
<b>Maintenance</b>	Backup and restore, system restore, Factory Reset, Remote upgrade, Support BMC address search, SNMP, LLDP	
<b>Security</b>	DHCP Snooping, Spanning tree, Loop prevention, PoE Watchdog, Denial of Service, Storm Mitigation, Lockout, Port Security, Security, Storm Mitigation, Lockout, Port Security	
<b>Mounting</b>	Desktop Wall Mount/Rack Mount	
<b>LED Indicators</b>	Per device: Power, Green Per port: Link Activity, Green DNMPo2: Link Up, Red; Alarm, Yellow	
<b>Environmental</b>	Operating Temperature: 0 to 45°C (32 to 113°F) Storage Temperature: -40 to 70°C (-40 to 158°F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 10% to 90% Non-condensing	
<b>Dimensions (L x W x H)</b>	Unit: 110 x 100 x 23mm Package: 300 x 130 x 33mm	Unit: 202 x 100 x 44mm Package: 300 x 130 x 33mm
<b>Enclosure</b>	Metal	
<b>Weight</b>	Unit: 0.53kg Entire Package: 0.74kg	Unit: 1.23kg Entire Package: 2.05kg
<b>Package Content</b>	1x Switch, 1x Power Adapter, 1x CD	1x Switch, 1x 220V/115V AC Cable, 1x Grounding Bolt, 2x Rubber Feet, 2x Link Exp. 1x CD
<b>Compliance</b>	FCC, CE, RoHS	

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#### GWN7721(P) PoE & VLAN Feature

- The switch will maintain PoE power supply during the soft restart to ensure data such as camera feeds are not lost.
- Real-time dynamic display and control of PoE power to detect anomalies in a timely manner.
- The PoE Watchdog function detection device is connected to the destination IP address. When the link fails, the PoE port will automatically cut off the power and restart.
- Supports port VLAN and 802.1Q VLAN, allowing users to flexibly divide VLANs according to the requirements.

#### Deployment Case: 802.3af/at PoE+ Power and Data Transmission



- Each Ethernet port provides up to 30W of 802.3af/at standard PoE+, and the optical port offers a transmission rate of up to 10 Gbps.
- Port 1: 2.5G Gaming PC
- Port 2: 802.3af/at PoE+ GRP VoIP Phone
- Port 3: 802.3af/at PoE Camera
- Port 4: 802.3af PoE IP Video Intercom System
- Port 5: Wireless 802.3af PoE WiFi ESE AP
- Port 6: 10Gbps SFP+ Port for NAS Transmission
- Port 10: SFP+ optical port 10Gbps rate transmission

#### Deployment Case: PoE Watchdog



**Anomaly Detection:** The PoE switch continuously monitors the network operation status of connected powered devices (such as cameras, IP phones, etc.).

**Automatic Restart:** If a device fails to respond within the set time, PoE Watchdog will proactively cut off its power supply and reboot it to restore functionality.

**Reduced Manual Intervention:** Eliminates the need for manual power plugging/unplugging or on-site maintenance, enhancing network reliability.

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# GWN Series Network Switches

## GWN7711 (P)

### Layer 2 Lite Managed Network Switches



**Layer 2 Lite Managed Network Switches**  
**GWN7711(P) Series**

The GWN7711(P) series are Layer 2 Lite managed network switches that allow small to medium businesses to build scalable, secure, and smart business networks that are easy to use and cloud manageable. They support VLAN for flexible and sophisticated traffic segmentation, voice VLAN ensures VoIP connection quality, QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. The GWN7711(P) provides 4 PoE ports for smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The PoE-capable model also supports 24V DC/48V DC passive PoE-out mode. The GWN7711(P) series are easy to manage through the embedded controller, and is also supported by GDM Network and GWN Manager, Grandstream's cloud and on-premise network management platform. By supporting both desktop and wall mount installation, these Layer 2 Lite switches are suitable for hotels, home offices, small-to-medium businesses, and more. Thanks to a comprehensive suite of customizable switching features, the GWN7711(P) series are the ideal managed network switches for small-to-medium sized deployments.

- 8 Gigabit Ethernet ports
- Smart power control to support dynamic PoE/PoE+ power allocation per port for the PoE mode.
- Supports Loop Detection, Cable Test and Port Mirror to quickly locate network faults
- IGMP Snooping to improve multicast forwarding efficiency
- LLDP for automatic discovery, provisioning and management of endpoint devices
- GDM Network and GWN Manager: Grandstream's cloud and on-premise network management platform. Embedded controller to manage switch
- Broadband/Multicast/Unicast Storm Control to monitor traffic levels
- Built-in QoS allows for prioritization of network traffic

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	GWN7711	GWN7711P
<b>Network Protocol</b>	IPv4, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	GWN7711P
<b>Gigabit Ethernet Ports</b>	8	8
<b>PoE Out Ports</b>	0	4
<b>Power Supply</b>	External 5VDC/5A	External 48-53.5VDC/1.22A
<b>PoE Output</b>	/	<ul style="list-style-type: none"> <li>Port 1-4 support 802.3af/48V standard PoE out.</li> <li>Up to 30W per port PoE out, total 120W Power Budget</li> <li>Port 1-4 support 802.3at/53.5V Passive mode up to 30W</li> <li>Port 1 (up to 30W)-24V Active mode 1.3A</li> <li>Active mode Power: 1.2, 2.4, 3V, 3.6, 3.9, 4.2, 4.5, 4.8, 5.1, 5.4, 5.7, 6.0, 6.3, 6.6, 6.9, 7.2, 7.5, 7.8, 8.1</li> <li>Port 4 (up to 10W)-24V Passive mode, 5.0A</li> <li>Passive mode Power: 4.5 (V), 3.6 (V)</li> </ul>
<b>Max Total PoE Output Power per PoE Port</b>	/	30W
<b>Auxiliary Ports</b>	/	1x Serial Console
<b>Forwarding Mode</b>	/	Store and Forward
<b>Total non-blocking throughput</b>	/	80Gbps
<b>Switching Capability</b>	/	100Gbps
<b>Jumbo Frame</b>	/	2K/3K/4K/5K/6K/7K/8K/12K/15K
<b>Forwarding Mode</b>	/	1, 100Gbps
<b>Packets Buffer</b>	/	40K
<b>MAC</b>	8K MAC address capacity	Support MAC address search
<b>VLAN</b>	4K VLANs	Port-based VLAN, 802.1Q VLAN
<b>LAG</b>	0	4
<b>Multicast</b>	0	IGMP Snooping, Report Message Suppression
<b>QoS</b>	0	<ul style="list-style-type: none"> <li>Auto prioritization of the incoming port of the packet</li> <li>Priority Mapping</li> <li>Class-based scheduling, including IP, DSCP, WRED</li> <li>Supports port priority, 802.1p priority and DSCP priority</li> <li>Bandwidth control</li> <li>Storm control</li> <li>Rate limit</li> </ul>
<b>DHCP</b>	0	DHCP server
<b>Maintenance</b>	0	Backup and restore, system reboot, factory reset, firmware upgrade, monitoring including port statistics, port mirroring, cable test and loop prevention, ping and trace outflow
<b>Security</b>	0	<ul style="list-style-type: none"> <li>Storm control</li> <li>Port VLAN isolation</li> <li>Filtering MAC address</li> <li>Nonstream Security Shell (Nonstream Linux) support</li> </ul>
<b>Mounting</b>	0	Desktop/Wall-mount
<b>LED Indicators</b>	0	GWN7711(P) Port 1-4: PoE power status - Yellow Port Device - Power - Green
<b>Environmental</b>	0	<ul style="list-style-type: none"> <li>Operating Temperature: 0 to 40 °C (32 to 104 °F)</li> <li>Storage Temperature: -20 to 60 °C (-4 to 140 °F)</li> <li>Relative Humidity: 10% to 90% Non-condensing</li> <li>Operating Humidity: 10% to 90% Non-condensing</li> </ul>
<b>Dimensions (LxWxH)</b>	100 x 164 x 80 mm Package: 202 x 166 x 140mm	100 x 164 x 80 mm Package: 202 x 166 x 140mm
<b>Enclosure</b>	0	0
<b>Weight</b>	0.57kg	0.64kg
<b>Package Content</b>	1x Switch, 1x OAD, 1x Power Adapter	1x Switch, 1x OAD, 1x Power Adapter
<b>Compliance</b>	0	FCC, CE, RoHS, etc.

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### GWN7711(P) PoE & VLAN Feature

- The switch will maintain PoE power supply during the soft-restart to ensure data such as camera feeds are not lost.
- Real-time dynamic display and control of PoE power to detect anomalies in a timely manner.
- PoE port supports dynamic configuration for non-standard 24VDC and 802.3af/at to ensure the compatibility with various APs and cameras.
- Supports port VLAN and 802.1Q VLAN, allowing users to flexibly divide VLANs according to the requirements.

#### Passive PoE output Mode



#### Deployment Case: 802.Q VLAN Trunk for Multi-Dedicated SIP Trunking

Using VLAN Trunking to merge multiple RTP streams into a single port connecting to UCM, and merge Internet and IPTV into another port connecting to router and switch.

- Port 1: Access VLAN 10 (RTP 1 SIP trunk)
- Port 2: Access VLAN 20 (RTP 2 SIP trunk)
- Port 4: Trunk VLAN 10/20 to UCM
- Port 6: Access VLAN 30 Internet service
- Port 7: Access VLAN 40 IPTV service
- Port 8: Trunk VLAN 30/40 to Router

#### Deployment Case: PoE & VLAN Isolation for IP Camera

Use VLAN to isolate the IP Camera/Internet/IPTV traffic. Use link aggregation to increase upstream bandwidth.

- Port 1: 24V/48V 4 Pair Passive PoE Camera
- Port 2: 24V 2 Pair Passive PoE Camera
- Port 5: 802.3af PoE Video Intercom System
- Port 4: Wireless 802.3af PoE AP
- Port 3: Network Equipment PC, printer, etc.
- Port 6: SIP IP Phone, etc.
- Port 7,8: Uplink Aggregation Group

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# GWN Series Network Switches

## GWN7710R

### Layer 2 Lite Managed Network Switches




### 6-Port Outdoor L2 Lite Managed Switch GWN7710R

The GWN7710R is a 6-Port (5G+1SFP) Outdoor Lite Managed PoE Switch that features an IP66-rated waterproof and dustproof casing to protect against harsh weather conditions, including rain, snow, and high temperatures. To ensure a stable and powerful network performance, the GWN7710R supports flexible and complex traffic segmentation with global or per port VLANs, provides DSCP/802.1p QoS priority management modes, bandwidth control, and storm control, and added VoiceVLAN for communication to ensure VoIP connection quality. It provides 4 Gigabit ports that provide passive PoE++ output, 1 Gigabit port with PoE++ input, and one 2.5G SFP port. The GWN7710R can be managed in a variety of ways, including locally through web user interface, through the cloud with GOMS, and on-premises with GWN Manager. This outdoor lite managed switch supports pole, DIN-rail, and wall-mounted installation to support a variety of outdoor and indoor applications. With the GWN7710R, users can build scalable, secure, high-performance, and easy-to-manage business networks for outdoor locations, hotels, restaurants, parks, campuses, public areas, and more.

- 5 Gigabit RJ45 ports (4 PoE output ports, 1 PoE input port)
- IEEE 802.3 acor or 24V/48V DC passive PoE out. Up to 60W on Port 1 and up to 30W on Port 2-4. Supports PoE Watchdog function
- SFP Fiber Port for long distance transmission
- DHCP Snooping - Only allow DHCP packets from trusted ports to keep the enterprise DHCP environment safe
- IP66 dustproof and waterproof rating. Wide operating temperature range -40°C to 60°C
- Supports convenient and intelligent local Web configuration, GWN Manager and GOMS Network Management
- STP/RSTP to guarantee fast convergence, ensure network stability and provide link load balance and redundancy
- Built-in QoS allows for prioritization of network traffic

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<b>Network Protocol</b>	IPv4, IEEE 802.1d, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.1q, IEEE 802.1s
<b>Communication Ports</b>	1x Gigabit SFP Fiber Ports 1x 10G/2.5G SFP Port
<b>Power Supply</b>	25W PoE Input Standard PoE+/PoE++
<b>PoE In and PoE Out Ports</b>	Port 1: PoE In Standard PoE+/PoE++ Port 2-4: PoE Out: Port 1 - Port 4
<b>PoE Output</b>	Standard PoE output Mode (802.3af) Passive 24V DC or 48V DC output Mode (Configured via UI)
<b>PoE Output Power Budget</b>	Powered by Standard PoE In 802.3af/802.3at: 802.3af input: 30W output budget 802.3at input: 100W output budget 802.3be input: 60W output budget
<b>Max Output Power Per Port</b>	Powered by DC in (20V~57V): DC in=24V: 100W output budget DC in=48V: 20W output budget DC in=56V: 100W output budget  <i>Note: When using the DC input, the budget of PoE output depends on the external DC input power.</i>
<b>Auxiliary Ports</b>	Standard PoE output Mode: Port 1 - Port 4 up to 30W on each PoE port; Powered PoE output Mode: Port 1: 4-pair 48V DC up to 100W or 4-pair 24V DC up to 20W Port 2 - Port 4: 2-pair 48V DC up to 30W or 2-pair 24V DC up to 15W  + PoE In: 4-Pair: Powered on pins 1,2,4,5 on 1,3,4,5,6 + PoE In: 2-Pair: Powered on pins 4,5 on 1,3,4,5,6
<b>Total non-blocking throughput</b>	In: 100Gbps Out: 100Gbps
<b>Switching Capability</b>	10Gbps
<b>Frame Size</b>	64-9216 Bytes/64/128/256/512
<b>Forwarding Rate</b>	11.1Mpps
<b>Packet Buffer</b>	16K
<b>VLAN</b>	8K MAC address capacity Supports 16 VLANs (16K MACs) out of 4K VLAN IDs Port-based VLAN, 802.1Q VLAN
<b>LAG</b>	Supports 16 LAGs (16K MACs) out of 4K VLAN IDs
<b>MultiCast</b>	IGMP snooping, Report Message Suppression Anti-penetration of low-movement part of the packet
<b>QoS</b>	Supports port priority, 802.1P priority, and DSCP priority Bandwidth control Rate limit
<b>DHCP</b>	DHCP Snooping DHCP Storm Control
<b>Maintenance</b>	LinkUp and restore, System reboot, Factory reset, Firmware upgrade, Support MAC address search, SNMP LDP Monitoring including port statistics, Port mirroring, Cable test, and Ping
<b>Security</b>	Storm control DHCP Snooping PoE Storm Prevention Port Security
<b>Mounting</b>	Standard Mount/DIN-Rail For device systems on: Green For Ethernet port Link/Activity: Green For Passive PoE out port 48VDC: Orange For Passive PoE out port 24VDC: Blue Supports LED indicator watch
<b>ESD</b>	±10KV Air, ±15KV Contact
<b>Environmental</b>	Operating Temperature: -40 to 60 °C (-40 to 140 °F) Storage Temperature: -40 to 70 °C (-40 to 158 °F) Operating Humidity: Support IP66 waterproof Storage Humidity: 10% to 90% Non-condensing
<b>Dimensions (LxWxH)</b>	190x70x150 x 52mm
<b>Weight</b>	104g (3.65oz)
<b>Package Content</b>	1 Switch, Rack-mounting Standard Brackets, 1x QOL4r assembled screw, 4x expansion screw, 2 x Metal Standoffs, PoE Injector
<b>Compliance</b>	CE, FCC, RoHS, IC

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### GWN7710R PoE & VLAN Feature

- The switch will maintain PoE power supply during the soft restart to ensure data such as camera feeds are not lost.
- Real-time dynamic display and control of PoE power to detect anomalies in a timely manner.
- PoE port supports dynamic configuration for non-standard 24VDC and 802.3af/at to ensure the compatibility with various APs and cameras.
- Support PoE++ and DC input, suitable for solar and switch cascaded power supply.
- Supports port VLAN and 802.1Q VLAN, allowing users to flexibly divide VLANs according to the requirements.

#### Passive PoE output Mode



#### Deployment Case: Solar DC + Fiber Optic Cable

- Port 1: 24V/48V DC 4 Pair Passive PoE Camera
- Port 2: 802.3af PoE IP Video Intercom System
- Port 3: 24V/48V DC 8-LED Night Vision Lighting for Surveillance
- Port 6 (SFP): SFP Optical Port
- DC Terminal: Solar/Battery powered, 12.57V DC
- Solar/Battery DC Power Supply Cable
- Power over Ethernet Cable (PoE/Passive PoE 24V DC)
- Optical Fiber for Long Distance Transmission

#### Deployment Case: PoE++ RJ45 Power and Data

- Port 1: 24V/48V DC 4 Pair Passive PoE Camera
- Port 2: 24V DC 2 Pair Passive PoE Camera
- Port 3: 802.3af PoE Camera
- Port 4: Outdoor Wi-Fi AP GWN7630LR
- Port 5: PoE++ RJ45 Input

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# GWN Series Network Switches

## GWN7700(P&PA) Series

### Unmanaged Network Switches

**Unmanaged Network Switches**  
**GWN7700(P&PA) Series**

The GWN7700 series are unmanaged network switches that provide a quick and cost-effective way to add high-speed Gigabit connectivity to home offices and small/medium businesses. It requires no configuration or installation, offers a desktop and wall-mountable design, and provides auto MDIX to eliminate the need for crossover cables. Each port supports auto-negotiation to allow the GWN7700 series to recognize the link speed of any 10/100/1000Mbps network device and intelligently adjust for compatibility and optimal performance. The PoE (Power over Ethernet) models provide ports with IEEE 802.3af compliant, smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The plug-and-play GWN7700 series are the ideal unmanaged network switches for home offices and small-to-medium businesses.

- 5x10/24x8 Gigabit RJ45 ports, 4x PoE model: GWN7700P & GWN7701P, GWN7702P & GWN7703P
- Green technology reduces power consumption
- LED Indicators: Per port Link/Activity, Per device Power
- Auto MDIX/MDI crossover for all ports
- 802.3af compliant (Up to 30W on each port) (GWN7700P/GWN7701P/GWN7702P/GWN7703P only)
- Broadband/Multicast Unicast Storm Control (Up to 100Mbps) to monitor traffic levels
- Supports long cable distances (up to 100m)
- QoS - Supports Default Service Priority when present

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#### GWN7700 - GWN7700P

Model	GWN7700	GWN7700P
Gigabit Ports	16	24
PoE Ports	0	8
Enclosure	Desktop	Desktop / Rack Mount
Mounting	Desktop	Desktop / Rack Mount
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at
Port Feature	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI
Network Media	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex
PoE Configuration	0	8
LED Indicators	Per port: Link/Activity Green Per device: Power Green	Per port: Link/Activity Green Per device: Power Green
Mac Address Table	1K	1K
Switching Capacity	32Gbps	32Gbps
Jumbo Frame	9KB	9KB
Advanced Features	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control
Power Adapter	Internal 100-240V AC, 50/60Hz, 1.50W	Internal 100-240V AC, 50/60Hz, 1.50W
Max Power Consumption by Base System	13W@220V/50Hz (excluding PoE output power)	13W@220V/50Hz
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing
Dimensions (L x W x H)	Unit: 1.28kg Extra Package: 1.83kg	Unit: 1.35kg Extra Package: 1.95kg
Weight	Unit: 1.28kg Extra Package: 1.83kg	Unit: 1.35kg Extra Package: 1.95kg
Package	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG
Compliance	FCC, CE, RoHS, UL, UKCA	FCC, CE, RoHS, UL, UKCA

#### GWN7701 - GWN7701P - GWN7701PA

Model	GWN7701	GWN7701P	GWN7701PA
Gigabit Ports	16	24	24
PoE Ports	0	8	8
Enclosure	Desktop	Desktop / Rack Mount	Desktop / Rack Mount
Mounting	Desktop	Desktop / Rack Mount	Desktop / Rack Mount
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at
Port Feature	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI
Network Media	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex
PoE Configuration	0	8	8
LED Indicators	Per port: Link/Activity Green Per device: Power Green	Per port: Link/Activity Green Per device: Power Green	Per port: Link/Activity Green Per device: Power Green
Mac Address Table	1K	1K	1K
Switching Capacity	32Gbps	32Gbps	32Gbps
Jumbo Frame	9KB	9KB	9KB
Advanced Features	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control
Power Adapter	Internal 100-240V AC, 50/60Hz, 1.50W	Internal 100-240V AC, 50/60Hz, 1.50W	Internal 100-240V AC, 50/60Hz, 1.50W
Max Power Consumption by Base System	13W@220V/50Hz (excluding PoE output power)	13W@220V/50Hz	13W@220V/50Hz
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing
Dimensions (L x W x H)	Unit: 1.28kg Extra Package: 1.83kg	Unit: 1.35kg Extra Package: 1.95kg	Unit: 1.35kg Extra Package: 1.95kg
Weight	Unit: 1.28kg Extra Package: 1.83kg	Unit: 1.35kg Extra Package: 1.95kg	Unit: 1.35kg Extra Package: 1.95kg
Package	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG
Compliance	FCC, CE, RoHS, UL, UKCA	FCC, CE, RoHS, UL, UKCA	FCC, CE, RoHS, UL, UKCA

#### GWN7702 - GWN7702P - GWN7703

Model	GWN7702	GWN7702P	GWN7703
Gigabit Ports	16	16	24
PoE Ports	0	8	8
Enclosure	Desktop	Desktop / Rack Mount	Desktop / Rack Mount
Mounting	Desktop	Desktop / Rack Mount	Desktop / Rack Mount
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at
Port Feature	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI	16x24 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI
Network Media	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex	1000Base-T/100Base-TX/10Base-T, Half/Full Duplex
PoE Configuration	0	8	8
LED Indicators	Per port: Link/Activity Green Per device: Power Green	Per port: Link/Activity Green Per device: Power Green	Per port: Link/Activity Green Per device: Power Green
Mac Address Table	1K	1K	1K
Switching Capacity	32Gbps	32Gbps	32Gbps
Jumbo Frame	9KB	9KB	9KB
Advanced Features	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control
Power Adapter	Internal 100-240V AC, 50/60Hz, 1.50W	Internal 100-240V AC, 50/60Hz, 1.50W	Internal 100-240V AC, 50/60Hz, 1.50W
Max Power Consumption by Base System	13W@220V/50Hz (excluding PoE output power)	13W@220V/50Hz	13W@220V/50Hz
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing
Dimensions (L x W x H)	Unit: 1.28kg Extra Package: 1.83kg	Unit: 1.35kg Extra Package: 1.95kg	Unit: 1.35kg Extra Package: 1.95kg
Weight	Unit: 1.28kg Extra Package: 1.83kg	Unit: 1.35kg Extra Package: 1.95kg	Unit: 1.35kg Extra Package: 1.95kg
Package	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG
Compliance	FCC, CE, RoHS, UL, UKCA	FCC, CE, RoHS, UL, UKCA	FCC, CE, RoHS, UL, UKCA

#### GWN7706

Model	GWN7706
Gigabit Ports	48
PoE Ports	0
Enclosure	Desktop / Rack Mount
Mounting	Desktop / Rack Mount
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 1588v2, IEEE 1588v2, IEEE 802.3af, IEEE 802.3at
Port Feature	48x48 10/100/1000Mbps RJ45 Ports Auto Negotiation AUTO MDIX/MDI
Network Media	1000Base-X, 1000Base-T/100Base-TX/10Base-T, Half/Full Duplex
LED Indicators	Per port: Link/Activity Green, Per device: Power Green
Mac Address Table	1K
Switching Capacity	100Gbps
Jumbo Frame	9KB
Advanced Features	Mac Address Auto Learning and Auto-Aging IEEE 802.3x Flow Control IEEE 802.3af Power Control
Power Adapter	Internal 100-240V AC, 50/60Hz, 4.0W
Max Power Consumption by Base System	30W@220V/50Hz
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 5% to 95% Non-condensing
Dimensions (L x W x H)	Unit: 440 x 200 x 44mm Package: 500x190x110mm
Weight	Unit: 2.80kg Extra Package: 3.05kg
Package	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QSG
Compliance	FCC, CE, RoHS, UL, UKCA

## Translations

[English](#)

[French](#)

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[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

# GWN Series Network Switches

## GWN7700M / GWN7700MP / GWN7701M Series

### 2.5G Multi-Gigabit Unmanaged Network Switches



**Unmanaged 2.5G Multi-Gigabit Network Switches**  
**GWN7700M - GWN7700MP - GWN7701M**

The GWN7700M series unmanaged multi-gigabit network switches that provide high-speed network connectivity up to 2.5Gbps to home offices and small-to-medium businesses. These 6 and 8-port multi-gigabit switches support fast Ethernet, 5-Gigabit and 2.5-Gigabit network speeds while including 1 SFP+ Gigabit fiber port that provides 1-Gigabit or 10-Gigabit high-speed optical connectivity to your network. The GWN7700M, GWN7700MP, and GWN7701M all require no configuration or installation, are desktop and wall-mountable, and provide easy WEB/SSH to eliminate the need for a console station. They support auto negotiation on each port to recognize the speeds of 100/1000/2500Mbps network devices and intelligently adjust for compatibility and optimal performance. The GWN7700MP provides ports with IEEE 802.3bz compliant, smart dynamic PoE out to power IP phones, IP cameras, wireless access points and other PoE endpoints. The plug-and-play WEB/SSH user interface streamlines network switches for home offices and small-to-medium businesses that require high-speed, multi-gigabit connectivity.

- Small 8 Multi-Gigabit Copper Ports provide 10G/25Gbps connectivity
- One SFP+ Fiber Port with 1 Gbps or 10-Gigabit connectivity
- 173 indicators Per port: Link/Activity Per device: Power
- Auto EEE/ACME awareness for all ports
- 1Mbps Data Service
- Streamlined Management: Out-of-Band Control Band for 100Mbps to monitor traffic levels
- Green technology reduces power consumption
- Shell: Supports Desktop Stand / Powerly when powered

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**GWN7700M - GWN7700MP - GWN7701M**

	 GWN7700M	 GWN7700MP	 GWN7701M
<b>2.5 Gigabit Ports</b>	5	5	8
<b>PoE Ports</b>	N/A	4	N/A
<b>Enclosure</b>	Metal		
<b>Mounting</b>	Desktop/ Wall-Mount		
<b>Standards and Protocols</b>	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz(2.5GBASE-T), IEEE 802.3x, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ae, IEEE 802.3ag, IEEE 802.3af, IEEE 802.3at		
<b>Port Features</b>	5x 100/1000/2500Mbps RJ45 Ports 1x SFP+ Fiber Port AUTO Negotiation AUTO MDI/MDIX	8x 100/1000/2500Mbps RJ45 Ports 1x SFP+ Fiber Port AUTO Negotiation AUTO MDI/MDIX	
<b>Network Media</b>	2.5GBase-T / 1000Base-T / 100Base-TX / 10 Base-Te, Half/Full-Duplex		2.5GBase-T / 1000Base-T / 100Base-TX/10Base-1e (Half-Duplex only supported in 10/100M mode on port 4-8)
<b>PoE Ports</b>	N/A	1~4 Ports 802.3 af/at compliant ; Up to 30 W on Each Port, Total 57W Power Budget; Overload to cut off the lowest-priority port; Priority: Port 4 to Port 1;	N/A
<b>LED Indicators</b>	Per port: Link/Activity Green Per device: Power Green GWN7700MP Port1-4: PoE output - Yellow		
<b>Mac Address Table</b>	4K		
<b>Switching Capacity</b>	45Gbps	45Gbps	60Gbps
<b>Jumbo Frame</b>	9KB		
<b>Advanced Features</b>	Mac Address Auto-Learning And Auto-Aging IEEE 802.3x Flow Control IEEE 802.3az (Energy Efficient Ethernet) 802.1p/DSCP QoS IGMP: •IGMP Fast-Leave •IGMP Snoop •Route Port Autolearn •Query Refresh Member Port		
<b>Power Adapter</b>	External 12VDC/1A	External 53.5W/1.22A	External 12VDC/1A
<b>Max Power Consumption by Base System</b>	7.0W	7.2W	9.7W
<b>Environmental</b>	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 10% to 90% Non-condensing		
<b>Dimensions (L x W x H)</b>	Unit: 145 x 80 x 27mm Package: 255 x 110 x 53mm	Unit: 145 x 80 x 27mm, Package: 230 x 190 x 51mm	Unit: 190 x 100 x 28mm Package: 300 x 130 x 53mm
<b>Weight</b>	Unit: 0.3KG Entire Package: 0.52KG	Unit: 0.31KG Entire Package: 0.80 KG	Unit: 0.52KG Entire Package: 0.77KG
<b>Package</b>	1x Switch, 1x Power Adapter, 1x QIG		
<b>Compliance</b>	FCC, CE, RCM, IC		

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## Translations

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# GWN Series Network Switches

## Social Graphics

Use the editable template to customize your own social image by adding your logo, or create your own using the elements provided below. Photoshop files as well as PNGs are provided for each product. For paid social promotion it is recommended to use social images with limited to no text.



Social Image w/ Text



Social Image w/o Text



Suggested Social Post Copy

[GWN7800 Series \(PNG\)](#)  
[GWN7800 Series \(PSD\)](#)

[GWN7711\(P\) \(PNG\)](#)  
[GWN7711\(P\) \(PSD\)](#)

[GWN7810 Series \(PNG\)](#)  
[GWN7810 Series \(PSD\)](#)

[GWN7710R \(PNG\)](#)  
[GWN7710R \(PSD\)](#)

[GWN7806\(P\) \(PNG\)](#)  
[GWN7806\(P\) \(PSD\)](#)

[GWN7830 Series \(PNG\)](#)  
[GWN7830 Series \(PSD\)](#)

[GWN7700 Series \(PNG\)](#)  
[GWN7700 Series \(PSD\)](#)

[GWN7821P/GWN7822P \(PNG\)](#)  
[GWN7821P/GWN7822P \(PSD\)](#)

[GWN7700M/MP\\_GWN7701M \(PNG\)](#)  
[GWN7700M/MP\\_GWN7701M \(PSD\)](#)

[GWN7816\(P\) \(PNG\)](#)  
[GWN7816\(P\) \(PSD\)](#)

[GWN7721\(P\) Series \(PNG\)](#)  
[GWN7721\(P\) Series \(PSD\)](#)

[GWN7800 Pro Series \(PNG\)](#)  
[GWN7800 Pro Series \(PSD\)](#)

[GWN7800 Series \(PNG\)](#)

[GWN7806\(P\) \(PNG\)](#)

[GWN7810 Series \(PNG\)](#)

[GWN7700 \(P&PA\) Series \(PNG\)](#)

[GWN7700M/MP\\_GWN7701M \(PNG\)](#)

[GWN7721\(P\) Series \(PNG\)](#)

[GWN7711\(P\) \(PNG\)](#)

[GWN7710R \(PNG\)](#)

[GWN7830 Series \(PNG\)](#)

[GWN7821P/GWN7822P \(PNG\)](#)

[GWN7816\(P\) \(PNG\)](#)

[GWN7800 Pro Series \(PNG\)](#)

[GWN7800 Series \(Word\)](#)

[GWN7806\(P\) \(Word\)](#)

[GWN7810 Series \(Word\)](#)

[GWN7700 \(P&PA\) Series \(Word\)](#)

[GWN7700M Series \(Word\)](#)

[GWN7721\(P\) Series \(Word\)](#)

[GWN7711\(P\) \(Word\)](#)

[GWN7710R \(Word\)](#)

[GWN7830 Series \(Word\)](#)

[GWN7821P/GWN7822P \(Word\)](#)

[GWN7816\(P\) \(Word\)](#)

[GWN7800 Pro Series \(Word\)](#)

# GWN Series Network Switches

Marketing Assets - GWN7801(P) - GWN7802(P) - GWN7803(P) - GWN7806(P)  
Layer 2+ Managed Network Switches

## Product Images

[GWN7800 Series \(ZIP File\)](#)

[GWN7801 \(ZIP File\)](#)

[GWN7801P \(ZIP File\)](#)

[GWN7802 \(ZIP File\)](#)

[GWN7802P \(ZIP File\)](#)

[GWN7803 \(ZIP File\)](#)

[GWN7803P \(ZIP File\)](#)

[GWN7806 \(ZIP File\)](#)

[GWN7806P \(ZIP File\)](#)



GWN7800\_1



GWN7800\_2



GWN7800\_3



GWN7800P\_1



GWN7800P\_2



GWN7806P\_1

## Feature Icons

[Gigabit](#)

[PoE](#)

[Integrated Ports](#)

[Security](#)

[QoS](#)

[Configuration](#)



Gigabit



PoE



Integrated Ports



QoS



Security



Configuration

# GWN Series Network Switches

## Marketing Assets - GWN7800 Pro Series

(GWN7801(P) Pro - GWN7802(P) Pro - GWN7803 Pro - GWN7803PL Pro - GWN7803PH Pro - GWN7806PL Pro - GWN7806PH Pro)

## Layer 2++ Managed Network Switches

### Product Images (ZIP Files)

[GWN7800 Pro Series](#)

[GWN7801P Pro](#)

[GWN7802P Pro](#)

[GWN7803 Pro](#)

[GWN7803PH Pro](#)

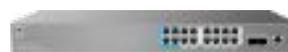
[GWN7803PL Pro](#)

[GWN7806PH Pro](#)

[GWN7806PL Pro](#)



GWN7801P Pro



GWN7802P Pro



GWN7803 Pro



GWN7803PH Pro



GWN7803PL Pro



GWN7806PH Pro



GWN7806PL Pro

### Feature Icons

[Gigabit](#)

[PoE](#)

[Integrated Ports](#)

[Security](#)

[QoS](#)

[Configuration](#)



Gigabit



PoE



Integrated Ports



QoS



Security



Configuration

# GWN Series Network Switches

Marketing Assets - GWN7811(P) - GWN7812(P) - GWN7813(P)  
Layer 3 Managed Network Switches

## Product Images

[GWN781x\\_1](#)

[GWN781x\\_2](#)

[GWN781x\\_3](#)

[GWN781x\\_4](#)



GWN781x\_1



GWN781x\_2



GWN781x\_3



GWN781x\_4

## Feature Icons

[Gigabit](#)

[PoE](#)

[Integrated Ports](#)

[Security](#)

[QoS](#)

[Configuration](#)



**Gigabit**

Gigabit



**PoE**

PoE



Integrated Ports



QoS



Security



Configuration

# GWN Series Network Switches

Marketing Assets - GWN7721(P)

Layer 2 Lite Managed 2.5Gigabit Network Switches

## Product Images

[GWN7721\\_1](#)  
[GWN7721\\_2](#)  
[GWN7721\\_3](#)  
[GWN7721\\_4](#)

[GWN7721P\\_1](#)  
[GWN7721P\\_2](#)  
[GWN7721P\\_3](#)  
[GWN7721P\\_4](#)



GWN7721\_1



GWN7721\_2



GWN7721\_3



GWN7721\_4



GWN7721P\_1



GWN7721P\_2



GWN7721P\_3



GWN7721P\_4

## Feature Icons

[Gigabit](#)  
[PoE](#)

[Monitoring](#)

[Tools](#)

[QoS](#)

[Fast Convergence](#)

[GDMS](#)

[Security](#)



Gigabit

Gigabit



PoE

PoE



Monitoring



Tools



QoS

QoS



Fast Convergence



GDMS

GDMS



Security

# GWN Series Network Switches

Marketing Assets - GWN7711(P)

Layer 2 Lite Managed Network Switches

## Product Images

[GWN7711\\_1](#)

[GWN7711\\_2](#)

[GWN7711\\_3](#)

[GWN7711\\_4](#)

[GWN7711P\\_1](#)

[GWN7711P\\_2](#)

[GWN7711P\\_3](#)

[GWN7711P\\_4](#)



GWN7711\_1



GWN7711\_2



GWN7711\_3



GWN7711\_4



GWN7711P\_1



GWN7711P\_2



GWN7711P\_3



GWN7711P\_4

## Feature Icons

[Gigabit](#)

[PoE](#)

[LED Indicators](#)

[Tools](#)

[QoS](#)

[Configuration](#)

[Quietless Fan](#)

[Traffic Levels](#)



Gigabit

Gigabit



PoE



LED Indicators



Tools



QoS



Quietless Fan



Configuration



Traffic Levels

# GWN Series Network Switches

## Marketing Assets - GWN7710R

### Layer 2 Lite Managed Network Switches

#### Product Images

- [GWN7710R\\_1](#)
- [GWN7710R\\_2](#)
- [GWN7710R\\_3](#)
- [GWN7710R\\_4](#)
- [GWN7710R\\_5](#)
- [GWN7710R\\_6](#)



GWN7710R\_1



GWN7710R\_2



GWN7710R\_3



GWN7710R\_4



GWN7710R\_5



GWN7711P\_6

#### Feature Icons

- [Gigabit](#)
- [PoE](#)
- [LED Indicators](#)
- [Tools](#)
- [QoS](#)
- [Configuration](#)
- [Quietless Fan](#)
- [Traffic Levels](#)



Gigabit



PoE



LED Indicators



Tools



QoS



Quietless Fan



Configuration



Traffic Levels

# GWN Series Network Switches

## Marketing Assets - GWN7700(P&PA) Series

### Unamanged Network Switches

#### Product Images

[GWN7700 Series](#)

[GWN7700P Series](#)

[Combined 7700/7701](#)

[Combined GWN7702/03/06](#)

[GWN7700 \(ZIP\)](#)

[GWN7700P](#)

[GWN7701 \(ZIP\)](#)

[GWN7701P](#)

[GWN7701PA](#)

[GWN7702 \(ZIP\)](#)

[GWN7702\(P\) \(ZIP\)](#)

[GWN7703 \(ZIP\)](#)

[GWN7706 \(ZIP\)](#)

#### Feature Icons

[Gigabit](#)

[PoE](#)

[Integrated Ports](#)

[Security](#)

[QoS](#)

[Configuration](#)



GWN7700 Series



Combined GWN7700/01



Combined GWN7702/03/06



GWN7700



GWN7700P



GWN7701



GWN7701P



GWN7701PA



Gigabit



PoE



Integrated Ports



QoS



Security



Configuration

# GWN Series Network Switches

Marketing Assets - GWN7700M - GWN7700MP - GWN7701M  
2.5G Multi-Gigabit Unmanaged Network Switches

## Product Images

[GWN7700M - GWN7700MP -  
GWN7701M Combined](#)

[GWN7700M \(ZIP\)](#)

[GWN7700MP \(PNG\)](#)

[GWN7701M \(ZIP\)](#)



Combined



GWN7700M



GWN7700MP



GWN7701M

## Feature Icons

[2.5 Gigabit  
Integrated Ports](#)

[QoS](#)

[Connectivity](#)

[LED](#)

[Quiet Fan](#)

[Monitor](#)

[Green Technology](#)



Gigabit



Integrated Ports



QoS



Connectivity



LED



Quiet Fan



Monitoring



Green Technology

# GWN Series Network Switches

Marketing Assets - GWN7830 - GWN7831 - GWN7832

Layer 3 Aggregation Switches

## Product Images

[GWN7830 Series Combined](#)

[GWN7830 \(ZIP\)](#)

[GWN7831 \(ZIP\)](#)

[GWN7832 \(ZIP\)](#)



GWN7830 Series Combined



GWN7830



GWN7832



GWN7831

## Feature Icons

[Gigabit](#)

[Integrated Ports](#)

[Security](#)

[Configuration](#)

[QoS](#)



Gigabit



Integrated Ports



Security



Configuration



QoS

# GWN Series Network Switches

Marketing Assets - GWN7821P - GWN7822P

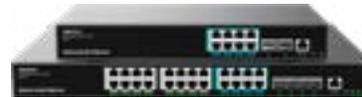
Layer 3 Multi-Gigabit Network Switches

## Product Images

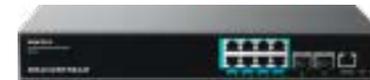
[GWN7821P\\_GWN7822P](#)

[GWN7821P](#)

[GWN7822P](#)



GWN7821P\_GWN7822P



GWN7821P



GWN7822P

## Feature Icons

[Gigabit](#)

[PoE](#)

[Integrated Ports](#)

[Reliability](#)

[Security](#)

[Configuration](#)

[QoS](#)

[Stacking](#)



Gigabit



PoE



Integrated Ports



Reliability



Security



Configuration



QoS



Stacking

# GWN Series Network Switches

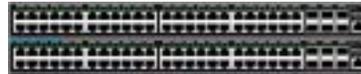
Marketing Assets - GWN7816(P)

48-Port Layer 3 Managed Network Switch

## Product Images

[GWN7816\(P\)\\_1](#)

[GWN7816\(P\)\\_2](#)



GWN7816(P)\_1



GWN7816(P)\_2

## Feature Icons

[Gigabit](#)

[PoE](#)

[Integrated Ports](#)

[Reliability](#)

[Security](#)

[Configuration](#)

[QoS](#)

[Stacking](#)



Gigabit



PoE



Integrated Ports



Reliability



Security



Configuration



QoS



Stacking