

GS-GWN7803PL-PRO

Grandstream GWN7803PL-PRO Enterprise L2++ 24 Port Managed GbE PoE Switch 250W

Product Overview

Grandstream GWN7803PL-PRO Enterprise L2++ 24 Port Managed GbE PoE Switch 250W, Layer 2++ Managed Network Switch, 24x Gigabit Ethernet Ports, 2x Gigabit SFP+ Ports, 24x PoE Ports, 250W total PoE Output Power, 30W per Port, 88Gbps switching capability



Specifications

Summary Overview:

The Grandstream GWN7803PL-PRO is a high-performance 24-port managed Gigabit PoE switch built for businesses that require reliable, scalable networking. With 250W PoE output and support for PoE/PoE+, it efficiently powers devices such as IP cameras, VoIP phones, and wireless access points while maintaining stable data throughput. Its Layer 2++ capabilities, VLAN support, QoS prioritisation, and advanced security features ensure optimal network control and protection.

Designed for flexibility, this switch includes SFP+ uplink ports for high-speed fibre connectivity and supports both cloud and on-premise management via GWN.Cloud, GWN Manager, or local interface. Whether you're upgrading your office infrastructure or deploying a new network, this solution offers enterprise-grade performance. Buy now and streamline your network with a dependable, future-ready switch.

Performance tier:Enterprise

Uses:office networking, IP camera systems, VoIP deployments, wireless access point connectivity, SME network infrastructure

Overview:

Grandstream GWN7803PL-PRO 24 Port Managed PoE Switch for Business Networks

The Grandstream GWN7803PL-PRO is a Layer 2+ managed network switch built for small to medium-sized business environments that require reliable performance, scalable connectivity, and efficient power delivery. It offers 24 Gigabit Ethernet ports alongside high-speed SFP+ uplinks, making it suitable for both copper and fibre deployments. With a total PoE power budget of 250W, the switch can power a wide range of devices such as IP cameras, VoIP phones, and wireless access points. Advanced network control features including VLAN segmentation, QoS prioritisation, IGMP snooping, and static routing ensure smooth traffic handling, while robust security tools help protect the network. Management is flexible, with options including web UI, CLI, and centralized cloud or software-based platforms.

Description

The GS-GWN7803PL-PRO is an enterprise-grade managed switch designed to simplify network deployment while delivering high throughput and intelligent power management. It combines 24 PoE-enabled Gigabit ports with SFP+ uplinks to support high-speed aggregation and backbone connectivity. Built with enhanced processing power and memory, it ensures stable performance under heavy workloads. Integrated security protocols and flexible management options make it suitable for businesses that require both control and scalability without complexity.

Features:**Optimised Connectivity and Switching Performance**

Designed for modern network demands, this model supports high data throughput and efficient packet forwarding. The inclusion of SFP+ ports enables fast uplink connections, reducing bottlenecks in data-heavy environments.

Key performance metrics include:

- 88Gbps switching capacity for high-speed data handling
- 44Gbps non-blocking throughput to maintain consistent traffic flow
- Forwarding rate of 65.472Mpps for efficient packet processing
- Jumbo frame support up to 12288 bytes

Power Over Ethernet for Simplified Deployment

With built-in PoE and PoE+ support across all 24 RJ45 ports, the switch eliminates the need for separate power infrastructure when deploying network devices.

Power capabilities:

- 250W total PoE budget
- Up to 30W per port
- Supports IEEE 802.3af and 802.3at standards
- Intelligent power allocation per connected device

This makes it particularly effective for deployments involving surveillance systems, wireless networks, and IP telephony.

Advanced Traffic Control and VLAN Support

The switch provides granular control over network traffic, allowing administrators to prioritise and segment data efficiently.

Core networking functions include:

- Support for up to 4K VLANs
- Port-based, MAC-based, and protocol-based VLAN options
- IEEE 802.1Q VLAN tagging and QinQ support
- QoS with traffic shaping, rate limiting, and queue scheduling
- IGMP snooping for multicast optimisation

These capabilities ensure stable performance even in congested or multi-user environments.

Security and Access Control Mechanisms

Security is integrated at multiple layers to safeguard network integrity and prevent unauthorised access.

Key protections include:

- 802.1X and MAC-based authentication
- RADIUS and TACACS authentication support
- DHCP snooping and IP source guard
- ARP inspection and DoS attack prevention
- Port security with sticky MAC and filtering
- Storm control and loop protection

Additional safeguards such as HTTPS, SSH, and user-level access control enhance administrative security.

Flexible Management and Deployment Options

The GS-GWN7803PL-PRO supports multiple configuration and monitoring methods, making it adaptable to different IT

environments.

Management options:

- Local web interface for direct configuration
- Command line interface for advanced control
- Cloud-based management via GDMS Networking
- On-premise management using GWN Manager
- Embedded controller within the device

This flexibility allows IT teams to choose the most suitable approach based on their infrastructure.

Built for High-Demand Environments

This switch is engineered for use across a range of industries where stable connectivity and power efficiency are critical.

Typical deployment scenarios:

- Business offices requiring reliable wired and wireless infrastructure
- Educational institutions with high user density
- Hospitality environments needing per-floor connectivity
- Healthcare networks requiring secure and stable connections

Technical Summary

- Part Number / SKU: GS-GWN7803PL-PRO
- 24 Gigabit Ethernet ports
- 2 Gigabit SFP+ uplink ports
- 24 PoE-enabled ports
- 250W total PoE output
- Layer 2+ managed switching
- IPv4 and IPv6 support
- 16K MAC address table
- Link aggregation support for increased bandwidth

This model combines performance, power efficiency, and control, making it a strong fit for organisations seeking a scalable and manageable network switching solution.

Specifications:

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Specifications	
Product Code	GS-GWN7803PL-PRO
Network Protocol	IPv4, IPv6, IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ae, IEEE 802.3az, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3af/at/bt, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1d, IEEE 802.1w, IEEE 802.1s, IEEE 802.1x
Gigabit Ethernet Ports	24
Gigabit SFP+ Ports	2
PoE Ports (PoE Models Only)	24
PoE Standards	IEEE 802.3af/at
Total PoE Output Power (PoE Models Only)	250W (30W per port)

ComX Computers

Product Specification Sheet

Total Non Blocking Throughput	44Gbps
Switching Capability	88Gbps
Forwarding Rate	65.472Mpps
Switching	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 16K MAC addresses
Security	User hierarchical management and password protection, HTTPS, SSH, Telnet
	Identity authentication, including 802.1X and MAC authentication
	AAA authentication, including RADIUS, TACACS
	Storm control
	Port isolation
	Port security, sticky MAC address, filtering invalid MAC addresses
	IP/IPv6 source guard, DoS attack prevention, ARP inspection, CPU protection
	Loop protection, including port loopback detection, BPDU protection, root protection, and loopback protection
	Kensington Security Slot (Kensington Lock) support
	Firmware signature

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/GS-GWN7803PL-PRO-Grandstream-GWN7803PL-PRO-Enterprise-Buy-p-335599.php>

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