

GS-GWN7802P-PRO

Grandstream GWN7802P-PRO Enterprise L2++ 16 Port Managed GbE PoE Switch 250W

Product Overview

Grandstream GWN7802P-PRO Enterprise L2++ 16 Port Managed GbE PoE Switch 250W, Layer 2++ Managed Network Switch, 16x Gigabit Ethernet Ports, 2x Gigabit SFP+ Ports, 16x PoE Ports, 250W total PoE Output Power, 30W per Port, 72Gbps switching capability



Specifications

Summary Overview:

The Grandstream GWN7802P-PRO is a powerful enterprise-grade managed network switch built for businesses that demand reliable, scalable connectivity. With 16 Gigabit Ethernet PoE ports and 250W total power output, it efficiently powers devices like IP phones, access points, and cameras while maintaining high-speed data performance. Advanced Layer 2++ features, including VLAN support, QoS prioritisation, and strong security protocols, ensure smooth and secure network operations.

Ideal for small to medium enterprises in South Africa, this switch offers flexible cloud and on-premise management through Grandstream's platforms, making deployment and control simple. Whether upgrading your infrastructure or building a new network, this solution delivers performance and control-buy now and streamline your business connectivity with confidence.

Performance tier:Enterprise-grade

Uses:business networking, PoE device deployment, IP camera systems, VoIP infrastructure, office network expansion

Overview:

Grandstream GWN7802P-PRO is positioned for businesses that need consistent throughput, controlled power delivery, and centralized management without unnecessary complexity. This Layer 2++ managed switch integrates 16 Gigabit PoE ports with high switching capacity, making it suitable for VoIP deployments, IP surveillance, and structured network expansion. With support for both IPv4 and IPv6 environments, it aligns with modern infrastructure requirements while maintaining backward compatibility.

Description

The Grandstream GWN7802P-PRO delivers enterprise-grade switching with integrated PoE capabilities designed for efficient device connectivity and simplified network control. It enables automatic power distribution to connected endpoints, reduces deployment friction, and provides administrators with granular traffic management, security enforcement, and flexible configuration options. Combined with cloud and on-premise management platforms, it supports scalable network growth while

maintaining performance consistency and operational visibility.

Features:**Business-Class Network Performance**

Engineered to handle demanding workloads, this switch offers stable Gigabit connectivity across all ports, backed by a 72Gbps switching capacity. It supports bandwidth-intensive applications such as video streaming, unified communications, and real-time data transfer without bottlenecks.

Key performance highlights include:

- 16 Gigabit Ethernet ports supporting high-speed wired connections
- 2 Gigabit SFP+ uplink ports for fiber expansion and backbone connectivity
- 72Gbps switching capability for smooth data flow across the network

PoE Power for Simplified Deployment

With integrated PoE and PoE+ support, the unit eliminates the need for separate power infrastructure. Devices such as access points, IP phones, and cameras can be powered directly through Ethernet cabling.

Important PoE details:

- Total PoE power budget of 250W
- Up to 30W per port for high-power devices
- Intelligent power allocation to optimize consumption across connected endpoints

Advanced Network Control and Security

The switch incorporates a comprehensive set of Layer 2+ capabilities to ensure traffic optimization and network protection. It is designed to give administrators precise control over how data flows through the network while mitigating common threats.

Core control and protection functions:

- VLAN support for network segmentation and traffic isolation
- QoS prioritization for latency-sensitive applications
- IGMP and MLD snooping for efficient multicast handling
- ARP inspection and IP source guard for threat mitigation
- DHCP snooping and port security for controlled access

Flexible Management Options

Management flexibility is a defining aspect of the GWN7802P-PRO. It can be administered locally or through centralized platforms depending on deployment scale and operational preference.

Available management approaches:

- Built-in web interface with embedded controller
- Cloud-based control via GDMS Networking
- On-premise management using GWN Manager
- Integration with GWN series routers for unified control

Scalable Network Design

This model fits within the broader GWN7800 series, allowing organizations to scale their infrastructure as requirements grow. Whether expanding port density or integrating additional switches, the platform supports a modular approach to network design.

Deployment advantages:

- Suitable for small to medium enterprise environments
- Supports both IPv4 and IPv6 network architectures
- Enables seamless expansion with consistent management tools

Technical Summary

For quick reference, the essential specifications are outlined below:

- Model: GWN7802P-PRO

ComX Computers

Product Specification Sheet

- Part Number / SKU: GS-GWN7802P-PRO
- Ports: 16 x Gigabit Ethernet PoE ports
- Uplinks: 2 x Gigabit SFP+ ports
- PoE Budget: 250W total output
- Per Port Output: Up to 30W
- Switching Capacity: 72Gbps
- Layer Support: Layer 2++ managed switching

In environments where reliability, centralized control, and efficient power distribution are required, the GS-GWN7802P-PRO provides a balanced combination of performance and manageability.

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-GWN7802P-PRO-Grandstream-GWN7802P-PRO-Enterprise-Buy-p-335600.php>

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