GS-GWN7816P

Grandstream 48 Port Managed GbE & 6x SFP+ Enterprise L3 stackable Switch with 900W PoE

Product Overview

Grandstream GWN7816P 48 Port Managed GbE & 6x SFP+ Enterprise L3 stackable Switch with 900W PoE, 48x Gigabit Ethernet PoE Ports, 6x SFP+ 10Gigabit Ports, 216Gbps switching capability, 740W total PoE Output, 60W on Ports 1-8 with PoE++, 30W on All remaining Ports





Specifications

Overview:

GWN7816(P)

Enterprise-Grade Layer 3 Managed Network Switch

The GWN7816(P) are 48-port Layer 3 managed network switches that allow enterprises to build scalable, secure, and high-performance business networks that are fully manageable.

- 48 Gigabit Ethernet ports and 6 Gigabit SFP+ ports
- Smart power control to support dynamic PoE/PoE+, PoE++ (GWN7816P) 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.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 (pending) for easy management on one interface while creating redundant backup between multiple devices

Features:

48-Port Layer 3 Switch

The GWN7816(P) is a 48-port layer 3 managed network switch that provides 6 SFP+

ports, while the GWN7816P also provides 48 ports of PoE, PoE+, and PoE++ output.

High-Performance Networking

The GWN7816(P) includes 6 SFP+ optical ports and supports up to 216Gbps switching capacity.

Automatically Power Your Devices

PoE devices can be automatically discovered and powered by the 48-port GWN7816 to provide quick and easy installation.

Free, Centralized Cloud Management

Deploy and manage the GWN7816(P), and all Grandstream solutions, centrally from the cloud using the

free Grandstream Device Management System (GDMS).

Supports Stacking

Coming Soon - Easy management multiple switches using one interface while creating redundant backup between multiple devices.

High performance with Maximum Network Capacity and Control

Grandstream's GWN7816(P) Layer 3 managed network switches are ideal for enterprises and medium-to-large businesses that require high-performance networks with maximum network

capacity and control.

- 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 GWN7816P provides smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points, and other PoE endpoints.
- The GWN7816(P) can be managed in several ways, including the local Web user interface of the switch, and CLI, the command-line interface. It is also supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise network management platform.
- With an advanced set of features, comprehensive security protection, and flexible management options, the GWN7816(P) is ideal for enterprises and medium-to-large businesses that require high-performance networks with maximum capacity and contro

Specifications:

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Specifications	
Product Code	GS-GWN7816P
SPECS	
Network Protocols	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 802.1s, IEEE 802.1w, IEEE 802.1x
Gigabit Ethernet Ports	48
SFP+ 10Gigabit Ports	6
PoE Ports (PoE Models Only)	48
Total PoE Output (PoE Models Only)	740 (60W on Ports 1-8 with PoE++, 30W on all Remaining Ports)
Total Non-Blocking Throughput	108Gbps
Switching Capability	216Gbps
Forwarding Rate	160.704Mpps

Switching, Routing, and Multicast	Supports stacking for easy management of multiple devices on one interface while creating redundant backup between devices
	16K static, dynamic, and filtering MAC addresses
	4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN
	VLAN virtual interface
	GVRP (pending)
	Spanning tree, 64 instances for STP/RSTP/MSTP
	Static routing
	Dynamic routing, including RIP, RIPng, OSPF and OSPFv3
	Policy routing (pending)
	IGMP Snooping
	MLD Snooping
	MVR (pending)
Security	User hierarchical management and password protection, HTTPS, SSH, Telnet
	802.1X authentication
	AAA authentication including RADIUS, TACACS+
	Storm control
	Port isolation, port security, sticky MAC
	Filtering MAC address
	IP source guard, DoS attack prevention, ARP inspection
	DHCP Snooping
	Loop protection including BPDU protection, root protection(pending) and loopback protection(pending)
	Kensington Security Slot (Kensington Lock) support

Product Information Online

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

Product page:
https://www.comx-computers.co.za/GS-GWN7816P-Grandstream-48-Port-Managed-GbE-6x-SFP-Enterprise-L3-stackable-Switch-p-320699.php

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