

Grandstream GWN7801 Layer 2+ Managed Network Switch



Product Name: Grandstream GWN7801 Layer 2+ Managed Network Switch

Manufacturer: Grandstream Model Number: GWN7801

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The Grandstream 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 forflexible and sophisticated traffic segmentation, advanced QoS for prioritization of network traffic, IGMP Snooping for network performance optimization, and comprehensive security capabilities against potential attacks. Grandstream GWN7801 Layer 2+ Managed Network Switch Key Features:

� 8x Gigabit Ethernet ports and 2x Gigabit SFP ports

า๊¿1/2 Supports deployment in IPv6 and IPv4 networks

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

ī¿½ Local Web UI to manage switch; GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform

12.1/2 Built-in QoS allows for prioritization of network traffic

The GWN7800 series can be managed in a number of ways, including the local network controller embedded in theweb user interface of the GWN7800 series switch. The series is also supported by GWN.Cloud and GWN ManagerGrandstream's cloud and on-premise Wi-Fi management platform.

Grandstream GWN7801 Technical Specifications:

Network Protocol

12√4 ½ IPv4

ï¿⅓ IPv6, IEEE 802.3

ï¿⅓ IEEE 802.3i

� IEEE 802.3u

ï¿1/2 IEEE 802.3ab

ï¿1⁄2 IEEE 802.3z

ï¿⅓ IEEE 802.3x

ï¿1/2 IEEE 802.3af/at

ï¿⅓ IEEE 802.1p

ï¿⅓ IEEE 802.1Q

ï¿⅓ IEEE 802.1w

Integrated Power Supply

ï¿1/2 30W

Total non-blocking throughput

� 10Gbps

Switching Capability

ï¿⅓ 20Gbps

Forwarding Rate

ï¿1/2 14.886Mpps packets per second



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Switching

� 8K static, dynamic and filtering MAC addresses

آذًا 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN

� VLAN virtual interface

ï¿⅓ GVRP (pending)

ï¿1/2 8 link aggregation groups

Multicast

آزاء IGMP Snooping, MLD Snooping, MVR

QoS/ACL

� Auto detection and prioritization of voice/video/RTP/SIP/other latency-sensitive packets (pending)

آز½ Port priority

� Priority mapping

آزا Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ

ï¿⅓ Traffic shaping

ï¿⅓ Rate limit

� 1.5K ACL for Ethernet, IPv4 and IPv6

Security

ī¿½ User hierarchical management and password protection, HTTPS, SSH, Telnet

ï¿1/2 802.1X authentication

آذِ AAA authentication including RADIUS, TACACS+

ï¿⅓ Storm control

� Port isolation, port security, sticky MAC

ï¿1/2 Filtering MAC address

ī స్ట్రీ IP source guard, DoS attack prevention, ARP inspection

ï¿⅓ DHCP Snooping

ī¿½ Loop protection including BPDU protection, root protection and loopback protection

� Kensington Security Slot (Kensington Lock) support

Dimensions

� 30mm(L)*175mm(W)*44(H) 440mm(L)*200mm(W)*44mm(H)

Unit Weight

ï¿⅓ 1.8 kg

Package Contents

ï¿1/2 Switch, 1x 1.2m(10A) AC Cable

� Rack-mounting Standard Brackets

ï¿1/2 1x Ground Cable

4x Rubber Feet, 2x Lug Ear

Price: 81.02EUR



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