

Grandstream GWN7002 Multi-WAN Gigabit Router



Product Name: Grandstream GWN7002 Multi-WAN Gigabit Router

Manufacturer: Grandstream

Model Number: GWN7002

Grandstream GWN7002 Multi-WAN Gigabit Router

The Grandstream GWN7000 Series comprises Multi-WAN Gigabit VPN routers featuring integrated firewalls. These routers enable businesses to establish extensive wired, wireless, and VPN networks across single or multiple sites.

Grandstream GWN7002 Key Features

- 1x GbE RJ45 port with IEEE 802.3af/at PoE Input and 2x GbE RJ45 ports with 48V Passive PoE output or IEEE802.3af
- Supports multiple Gigabit RJ45 ports and Gigabit SFP ports
- Built-in VPN support allows easy access to corporate networks for remote employees
- Multiple WAN ports with load balancing and failover to maximize connection reliability
- Rich firewall features including DDNS, port forwarding, DMZ, UPnP, Anti-Dos, traffic rules, NAT and ALG
- Supports application/protocol monitoring and traffic statistics with Deep Packet Inspection (DPI)
- Advanced QoS to ensure real-time performance of low-latency applications
- Supports application, URL, DNS, and web content filtering to block access from unsecure contents
- Embedded controller can manage itself and up to 150 GWN APs; GWN.Cloud offers a free cloud management platform for unlimited routers and GWN APs

The GWN7002 is an excellent fit for diverse deployments, serving small-to-medium businesses, educational institutions, healthcare facilities, and beyond. With its high-performance routing, integrated VPN capabilities, robust security features, and user-friendly management tools, the GWN7002 is a reliable and adaptable networking solution.

Featuring 2 Gigabit SFP ports, 4 Gigabit Ethernet ports, and 2 PoE output ports, the GWN7002 offers versatile connectivity. It can manage up to 150 GWN Series Wi-Fi Access Points via an embedded controller and is compatible with Grandstream's GWN.Cloud and GWN Manager tools for streamlined network management.

Grandstream GWN7002 Technical Specification

CPU

• Dual ARM Cortex A53 1GHz

Memory and NAT Sessions

• 256MB RAM, 256MB Flash, 30K NAT sessions

Network Interfaces

• 2x Gigabit SFP ports and 4x Gigabit Ethernet ports (WAN/LAN configurable)

NAT Throughput and IPsec VPN Throughput

• NAT Throughput: 2.2Gbps

• IPsec VPN Throughput: 530Mbps

Auxiliary Ports and Mounting

• 1x USB 2.0 port, 1x Reset Pinhole

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Mounting: Desktop and wall mounting

LEDs

8 x single-color LEDs for device tracking and status indication

Connection Type and Network Protocols

DHCP, Static IP, PPPoE, PPTP, L2TP

Network Protocols: IPv4, IPv6, IEEE802.1Q, IEEE 802.1p, IEEE802.1x, IEEE802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab

QoS (Quality of Service)

VLAN, TOS

Support multiple traffic classes, filter by port, IP address, DSCP, and policing

App QoS

VoIP Prioritization

Firewall and Security

DDNS, Port Forwarding, DMZ, UPnP, Anti-DoS, traffic rules, NAT, ALG

Application/protocol monitoring and traffic statistics

Content filtering: Supports Application/URL/DNS/Web Content Filtering

Safe search

VPN

SSL VPN Server / Client-to-Site

IPsec VPN Client-to-Site / Site-to-Site

PPTP VPN Server / Client-to-Site

L2TP Client-to-Site

WireGuard (pending)

IPSec Encryption: DES, 3DES, AES

IPSec Authentication: MD5, SHA-1, SHA2-256

IPSec Key Exchange: Main/Aggressive Mode, Pre-shared Key, DH Groups 1/2/5/14

IPSec Protocols: ESP

IPSec NAT Traversal

SSL VPN Encryption: AES, DES

SSL Authentication: MD5, SHA-1, SHA2-256, SHA2-384, SHA2-512

SSL VPN Certificate: RSA

PPTP Encryption: MPPE 40-bit, 128-bit, IPSec

PPTP/L2TP Authentication: MS-CHAPv1/2

Max Concurrent VPN Tunnels

Up to 50 Tunnels

Network Management

GWN7002 embedded controller for self and up to 100 GWN APs

GWN.Cloud offers a free cloud management platform for unlimited GWN Routers and GWN APs

PoE Input

Grandstream GWN7002 Multi-WAN Gigabit Router

• Standard: IEEE 802.3af/at

PoE Output

• 2x PoE out ports

• Passive 48V or IEEE802.3af

PoE Power Budget

• 24V DC 1A: 12.8W

• 24V DC 1.5A: 24.8W

Power & Green Energy Efficiency

• Universal power adaptor included: Input: 100-240VAC 50-60Hz, Output: 24V DC 1A (24W)

Environmental

• Operation: 0°C to 40°C

• Storage: -30°C to 60°C

• Humidity: 10% to 90% Non-condensing

Physical

• Unit Dimension: 210mm(L)x130mm(W)x35mm(H); Unit Weight: 505g

• Entire Package Dimension: 246mm(L)x235mm(W)x54mm(H); Entire Package Weight: 730g

Package Content

• GWN7002 Router

• Universal Power Supply

• Network Cable

• Quick Installation Guide

Compliance

• FCC

• CE

• RCM

• IC

• UKCA

Price: £48.75