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

ï¿½ 1x GbE RJ45 port with IEEE 802.3af/at PoE Input and 2x GbE RJ45 ports with 48V Passive PoE output or IEEE802.3af
ï¿½ Supports multiple Gigabit RJ45 ports and Gigabit SFP ports
ï¿½ Built-in VPN support allows easy access to corporate networks for remote employees
ï¿½ Multiple WAN ports with load balancing and failover to maximize connection reliability
ï¿½ Rich firewall features including DDNS, port forwarding, DMZ, UPnP, Anti-Dos, traffic rules, NAT and ALG
ï¿½ Supports application/protocol monitoring and traffic statistics with Deep Packet Inspection (DPI)
ï¿½ Advanced QoS to ensure real-time performance of low-latency applications
ï¿½ Supports application, URL, DNS, and web content filtering to block access from unsecure contents
ï¿½ 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

ï¿½ Dual ARM Cortex A53 1GHz

Memory and NAT Sessions

ï¿½ 256MB RAM, 256MB Flash, 30K NAT sessions

Network Interfaces

ï¿½ 2x Gigabit SFP ports and 4x Gigabit Ethernet ports (WAN/LAN configurable)

NAT Throughput and IPsec VPN Throughput

ï¿½ NAT Throughput: 2.2Gbps
ï¿½ IPsec VPN Throughput: 530Mbps

Auxiliary Ports and Mounting

ï¿½ 1x USB 2.0 port, 1x Reset Pinhole

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ï¿½ Mounting: Desktop and wall mounting

LEDs

ï¿½ 8 x single-color LEDs for device tracking and status indication

Connection Type and Network Protocols

ï¿½ DHCP, Static IP, PPPoE, PPTP, L2TP
ï¿½ 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)

ï¿½ VLAN, TOS
ï¿½ Support multiple traffic classes, filter by port, IP address, DSCP, and policing
ï¿½ App QoS
ï¿½ VoIP Prioritization

Firewall and Security

ï¿½ DDNS, Port Forwarding, DMZ, UPnP, Anti-DoS, traffic rules, NAT, ALG
ï¿½ Application/protocol monitoring and traffic statistics
ï¿½ Content filtering: Supports Application/URL/DNS/Web Content Filtering
ï¿½ Safe search

VPN

ï¿½ SSL VPN Server / Client-to-Site
ï¿½ IPsec VPN Client-to-Site / Site-to-Site
ï¿½ PPTP VPN Server / Clien-to-Site
ï¿½ L2TP Client-to-Site
ï¿½ WireGuard (pending)
ï¿½ IPSec Encryption: DES, 3DES, AES
ï¿½ IPSec Authentication: MD5, SHA-1, SHA2-256
ï¿½ IPSec Key Exchange: Main/Aggressive Mode, Pre-shared Key, DH Groups 1/2/5/14
ï¿½ IPSec Protocols: ESP
ï¿½ IPSec NAT Traversal
ï¿½ SSL VPN Encryption: AES, DES
ï¿½ SSL Authentication: MD5, SHA-1, SHA2-256, SHA2-384, SHA2-512
ï¿½ SSL VPN Certificate: RSA
ï¿½ PPTP Encryption: MPPE 40-bit, 128-bit, IPSec
ï¿½ PPTP/L2TP Authentication: MS-CHAPv1/2

Max Concurrent VPN Tunnels

ï¿½ Up to 50 Tunnels

Network Management

ï¿½ GWN7002 embedded controller for self and up to 100 GWN APs
ï¿½ GWN.Cloud offers a free cloud management platform for unlimited GWN Routers and GWN APs

PoE Input

Grandstream GWN7002 Multi-WAN Gigabit Router

ï¿½ Standard: IEEE 802.3af/at

PoE Output

ï¿½ 2x PoE out ports
ï¿½ Passive 48V or IEEE802.3af

PoE Power Budget

ï¿½ 24V DC 1A: 12.8W
ï¿½ 24V DC 1.5A: 24.8W

Power & Green Energy Efficiency

ï¿½ Universal power adaptor included: Input: 100-240VAC 50-60Hz, Output: 24V DC 1A (24W)

Environmental

ï¿½ Operation: 0°C to 40°C
ï¿½ Storage: -30°C to 60°C
ï¿½ Humidity: 10% to 90% Non-condensing

Physical

ï¿½ Unit Dimension: 210mm(L)x130mm(W)x35mm(H); Unit Weight: 505g
ï¿½ Entire Package Dimension: 246mm(L)x235mm(W)x54mm(H); Entire Package Weight: 730g

Package Content

ï¿½ GWN7002 Router
ï¿½ Universal Power Supply
ï¿½ Network Cable
ï¿½ Quick Installation Guide

Compliance

ï¿½ FCC
ï¿½ CE
ï¿½ RCM
ï¿½ IC
ï¿½ UKCA

Price: Â£47.80