

Grandstream GWN7062 Wi-Fi 6 Dual-Band Router



Product Name: Grandstream GWN7062 Wi-Fi 6 Dual-Band Router

Manufacturer: Grandstream

Model Number: GWN7062

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The Grandstream GWN7062 is a secure dual-band router powered by the latest Wi-Fi 6 (802.11ax) technology. Ideal for small offices, home offices, and remote workers, the GWN7062 provides dual-band 2x2:2 MU-MIMO with DL/UL OFDMA technology and supports wireless Mesh networking and wired AP connections. It features a powerful 64-bit 1.2GHz quad-core processor to provide Wi-Fi speeds up to 1.77 Gbps with up to 256 wireless devices, allowing the GWN7062 to power smart office and home automation, smooth 4K Ultra HD streaming, web meetings, video conferences, online gaming and more. Grandstream GWN7062 Key Features:

- Powered by Wi-Fi 6 (802.11ax) standard with up to 1.77Gbps wireless throughput
- Dual-band 2x2:2 MU-MIMO with DL/UL OFDMA technology
- Built-in VPN support allows easy access to corporate networks for remote employees
- Supports 256 concurrent Wi-Fi client devices
- Supports Mesh networking with Grandstream access points to provide easy network expansion
- Powerful security features include guest network, network blacklist, Antihacking secure boot & critical data/control lockdown
- via digital signatures, and more
- Rich firewall features including Anti-DoS, traffic rules, NAT and ALG
- Secure cloud provisioning through GWN.Cloud (coming soon)

The GWN7062 supports VPN to allow remote employees to securely connect to the corporate network from home or branch offices. The GWN7062 also provides enterprise-grade security features to ensure secure Wi-Fi and VPN access, including unique security certificates and random default passwords. To ensure easy installation and management, the GWN7062 includes a built-in controller embedded within the product's web user interface. It is also supported by GWN.Cloud (coming soon), Grandstream's free cloud Wi-Fi management platform. By combining accelerated Wi-Fi speeds, mesh networking, and wired AP connections with advanced features including VPN, beamforming technology, and intelligent QoS, the GWN7062 is the ideal router for a growing home network.

Grandstream GWN7062 Technical Specifications:

Memory and NAT Sessions

- 512MB RAM, 120K NAT sessions

VPN NAT Routing & IPSec VPN Performance

- 2 Gbps NAT routing and 850Mbps IPSec VPN performance

Antennas

- 4 individual external antennas, 2 per band
- 2.4GHz, gain 5.0dBi
- 5 GHz, gain 5.0dBi

MIMO

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• 2x 5GHz

Wi-Fi

• Security WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES); WPA3, anti-hacking secure boot and critical data/control

5G

• IEEE 802.11ac: 6.5 Mbps to 867 Mbps

• IEEE 802.11n: 6.5 Mbps to 300 Mbps

• IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

2.4G

• IEEE 802.11n: 6.5 Mbps to 300 Mbps

• IEEE 802.11b: 1, 2, 5.5, 11 Mbps

• IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

• *Actual throughput may vary depending on many factors including environmental conditions, distance between

• devices, radio interference in the operating environment and mix of devices in the network

Frequency Bands

• 2.4GHz radio: 2400 – 2483.5MHz

• 5GHz radio: 5150 - 5850MHz

• Wi-Fi and System Security WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES); WPA3, anti-hacking secure boot and critical data/control

• lockdown via digital signatures, unique security certificate and random default password per device

Maximum TX Power

• 5G: 26dBm

• 2.4G: 27dBm

• *Maximum power varies by country, frequency band and MCS rate

2.4G

• 802.11b: -96dBm@1Mbps, -88dBm@11Mbps

• 802.11g: -93dBm @6Mbps, -75dBm@54Mbps;

• 802.11n 20MHz: -73dBm @MCS7; 802.11n 40MHz: -70dBm @MCS7

• 802.11ax 20MHz: -64dBm @ MCS11; 802.11ax 40MHz: -63dBm @MCS11

5G

• 802.11a: -92dBm @6Mbps, -74dBm @54Mbps;

• 802.11n: 20MHz: -73dBm @MCS7; 802.11 n 40MHz: -70dBm @MCS7

• 802.11ac 20MHz: -70dBm@MCS8; 802.11ac: HT40:- 66dBm @MCS9; 802.11ac 80MHz: -62dBm @MCS9;

• 802.11ax 20MHz: -64dBm @ MCS11; 802.11ax 40MHz: -61dBm @MCS11;802.11ax

• 80MHz: -58dBm @MCS11

Auxiliary Ports

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• 1x USB 3.0 port, 1x Reset button, 1x SYNC button

Network Protocols

• IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM

VPN

• Client: L2TP, PPTP, IPSec, OpenVPN

• Server: IPSec, OpenVPN

Firewall

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

Network Management

• GWN7062 embedded controller can manage it self and up to 50 GWN Aps

• GWN.Cloud offers a free cloud management platform for unlimited GWN7062 routers and

• GWN APs (coming soon)

Power & Green Energy Efficiency

• Universal power adaptor included

• Input 100-240VAC 50-60Hz

• Output: 12VDC 1.5A (18W);

Humidity

• >10% to 90% Non-condensing

Package Contents

• GWN7052/GWN7052F Router, Universal Power Supply, Network Cable, Quick Installation Guide

Physical

• Unit Dimension: 95mm(L)x95mm(W)x193mm(H); Unit Weight: 690g

• Entire Package Dimension: 286mm(L)x126.5mm(W)x105mm(H); Entire Package Weight:960g

Compliance

• FCC, CE, RCM, IC, UKCA

Price: £65.40