

# Grandstream GWN7052 Dual-Band Wi-Fi Router



Product Name: Grandstream GWN7052 Dual-Band Wi-Fi Router

Manufacturer: Grandstream Model Number: GWN7052

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The Grandstream GWN7052 is a secure dual-band Wi-Fi router ideal for small offices, home offices and remote workers, supports wireless Mesh networking, wired AP connections and built in VPN support, ideal router for growing a home and small business network. Grandstream GWN7052 Key Features:

រ៉េះ/៉ូ 1.27Gbps aggregate wireless throughput with 5x auto-sensing Gigabit ports

� Dual-band 2x2:2 MU-MIMO

าั¿½ Built-in VPN support allows easy access to corporate networks for remote employees

ï¿1/2 Supports 100 concurrent Wi-Fi client devices

าั¿½ Supports Mesh networking with Grandstream access points to provide easy network expansion

ϊ¿½ Powerful security features include guest network, network blacklist, Antihacking secure boot & Powerful data/control lockdown via digital signatures, and more

រ៉េ្រ Rich firewall features including Anti-DoS, traffic rules, NAT and ALG

īట్డ్ Secure cloud provisioning through GWN.Cloud (coming soon)

The GWN7052 provides Wi-Fi speeds of up to 1.266 Gbps to 100 wireless devices, enabling bandwidth-demanding applications such as 4K Ultra HD video streaming, web meeting, video conference, online gaming, and more. It supports VPN to allow remote employees to securely connect to the corporate network from home or branch offices.

Grandstream GRP2650 Technical Specifications: Memory and NAT Sessions

آذًا 128MB RAM, 30K NAT sessions 256MB RAM, 60K NAT sessions

VPN NAT Routing & IPSec VPN Performance

� 1Gbps NAT routing and 300Mbps IPSec VPN performance

### Antennas

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

#### MIMO

� 2×2:2 2.4GHz � 2×2:2 5GHz

Wi-Fi

ï¿1/2 Standards IEEE 802.11 a/b/g/n/ac

5G

� IEEE 802.11ac: 6.5 Mbps to 867 Mbps � IEEE 802.11n: 6.5 Mbps to 300 Mbps



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

2.4G

ï¿1/2 IEEE 802.11n: 6.5 Mbps to 300 Mbps

� IEEE 802.11b: 1, 2, 5.5, 11 Mbps

ї¿½ IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

រី¿½ \*Actual throughput may vary depending on many factors including environmental conditions, distance between

 $\ddot{\iota} \dot{\iota} \dot{\prime} \dot{\iota}$  devices, radio interference in the operating environment and mix of devices in the network

### Frequency Bands

i¿½ 2.4GHz radio: 2400 – 2483.5MHz

� 5GHz radio: 5150 - 5850MHz

าั¿½ Wi-Fi and System Security WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES); WPA3, anti-hacking secure boot and critical data/control

าั¿½ lockdown via digital signatures, unique security certificate and random default password per device

#### Maximum TX Power

ϊ¿½ 2.4G: 23dBm ϊ¿½ 5G: 24dBm

i¿½ \*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

### 5G

ї¿½ 802.11a: -92dВm @6Mbps, -74dВm @54Mbps;

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

� 802.11ac 20MHz: -67dBm@MCS8; 802.11ac: HT40: -63dBm @MCS9; 802.11ac 80MHz: -59dBm @MCS9;

## SSIDs

าั¿½ 16 SSIDs total, 8 per radio (2.4ghz and 5 ghz)

า๊¿1/2 Concurrent Clients Up to 100 concurrent clients

#### **Network Interfaces**

าั¿½ 1x Gigabit Ethernet WAN port and 4x Gigabit Ethernet

### LAN ports

ī $_{\dot{c}}$ ½ 1x Gigabit SFP WAN port, 1x Gigabit Ethernet port(WAN/LAN configurable), and 3x Gigabit Ethernet LANports

#### Mounting



## Grandstream GWN7052 Dual-Band Wi-Fi Router

� Desktop and wall mounting

**Auxiliary Ports** 

ï¿1/2 1x USB 2.0 port, 1x Reset Pinhole

Power & Energy Efficiency

ï¿1/2 Universal power adaptor included

ï¿⅓ Input 100-240VAC 50-60Hz

� Output: 12VDC 1A (12W);

Humidity

ï¿1/2 >10% to 90% Non-condensing

**Package Contents** 

าั¿½ GWN7052/GWN7052F Router, Universal Power Supply, Network Cable, Quick Installation Guide

Physical

ī¿½ Unit Dimension without antennas: 205mm(L)x130mm(W)x35.5mm(H);

ī¿½ Entire Package Dimension: 250mm(L)x251.5mm(W)x56mm(H); Entire Package Weight: 740g ī¿½ Unit Dimension with antennas of 90°: 235.5mm(L)x145mm(W)x192mm(H); Unit Weight: 375g

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Price: \$44.22