Partner Marketing Kit

GWN Series Routers

GWN Series Routers
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Sales Kit

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English

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GWN Series Routers
Presentation

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GWN Series Routers
Product Messaging - GWN7052/GWN7052F

Tagline	GWN Series Dual-Band Wi-Fi Router
Subhead	The GWN7052 is a secure dual-band router powered by 802.11ac Wi Fi technology to provide faster Wi-Fi speeds to provide network connection to devices used in smart offices and home automation.
Target Audience	Small offices, home offices, remote workers, service providers, smart homes and more
Product Description	The GWN7052 is a secure dual-band router powered by 802.11ac Wi -Fi technology. Ideal for small offices, home offices and remote workers, the GWN7052 provides dual-band 2 ×2 MU-MIMO and supports wireless Mesh networking and wired AP connections. It features a dual-core 880MHz processor to provide Wi-Fi speeds of up to 1.266 Gbps to 100 wireless devices, allowing the GWN7052 to power smart office and home automation, smooth 4K Ultra HD streaming, web meetings, video conferences, online gaming and more. It supports VPN to allow remote employees to securely connect to the corporate network from home or branch offices. The GWN7052 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 GWN7052 includes a built-in controller embedded within the product's web user interface. It is also supported by GWN.Cloud, 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 and advanced QoS, the GWN7052 is the ideal router for a growing home or small business network.

Customer Challenges	A small office needs a cost-effective yet reliable and secure router to facilitate the office Wi-Fi network while also supporting a Mesh setup and VPNs.	A service provider is looking for a reliable, secure and cost-effective router to provide residential and small business customers that also supports cloud provisioning and management.	A remote worker needs a secure and reliable router for their home office that allows them to access the company's VPN and support Mesh networking to be accessible throughout their entire home.
Customer Solutions	The GWN7052 provides an ideal router for a 10-15 person office thanks to its support for 100 concurrent clients and 1.266 Gbps speeds. It also can sync up with GWN Series APs to provide a Mesh setup to cover the entire space, while also allowing usage of company VPNs.	Ideal for residential and small business service providers, the GWN7052 provides support for 100 clients and powerful network security features at a market-leading price point. It also supports cloud provisioning and remote management for easy deployment and customer service.	The GWN7052 is ideal for home offices as it provides easy access to company VPNs while also providing the capacity needed to support a home Mesh Wi-Fi network.

GWN Series Routers
Product Messaging - GWN7062(E/ET)

Tagline	GWN Series Dual-Band Wi-Fi 6 Router		
Subhead	The GWN7062 is a secure dual-band router powered by the latest Wi-Fi 6 (802.11ax) technology and includes a powerful 64-bit 1.2GHz quad-core processor to provide reliable Wi-Fi speeds.		
Target Audience	Small offices, home offices, remote workers, service providers, smart homes and more		
Product Description	The GWN7062(E/ET) 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(E/ET) provides dual-band 2×2 MU-MIMO with DL/UL OFDMA technology, supports wireless Mesh networking and wired AP connections, and GWN7062ET includes and FXS port. It features a powerful 64-bit 1.2GHz quad-core processor to provide Wi-Fi speeds up to 3 Gbps with 4-times increased data capacity up to 256 wireless devices on GWN7062 and 128 devices on The GWN7062E/GWN7062ET, allowing these routers to power smart office and home automation, smooth 4K Ultra HD streaming, web meetings, video conferences, online gaming and more. It supports VPN to allow remote employees to securely connect to the corporate network from home or branch offices. These 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(E/ET) includes a built-in controller embedded within the product's web user interface. It is also supported by GWN.Cloud, 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(E/ET) is the ideal router for a growing home or small business network.		
Customer Challenges	A small business needs a secure router for their office network that provides state-of-the-art Wi-Fi 6 technology to ensure reliability, while offering an affordable price point.	A service provider is looking for a powerful, secure and cost-effective router to provide residential and small business customers that also supports cloud provisioning and management.	A busy remote worker needs a secure and reliable router for their home that can support a home office, smart home devices, gaming, streaming, data and more. Mesh networking for full home coverage and VPN access to the corporate network are also needed.
Customer Solutions	The GWN7062(E/ET) provides an ideal router for a small business thanks to its support for next-gen Wi-Fi 6 technology and up to 256 concurrent clients. It also can sync up with GWN Series APs to provide a Mesh setup to cover the entire office space, while also allowing usage of company VPNs.	Ideal for residential and small business service providers, the GWN7062 (E/ET) provides support for state-of-the-art Wi-Fi 6 technology and powerful network security features at a market-leading price point. It also supports cloud provisioning and remote management for easy deployment and customer service.	The GWN7062(E/ET) is ideal for busy homes as it provides next-gen Wi-Fi 6 technology, Mesh networks, up to 3Gbps and supports up to 256 concurrent clients. It also supports VPNs, ideal for remote workers. If you are looking for a router to support a home office and smart, connected home without breaking the bank, the GWN7062 is the ideal choice.

GWN Series Routers
Product Messaging - GWN7001/GWN7002/GWN7003

Tagline	Multi-WAN Gigabit VPN Routers	
Subhead	The GWN7000 Series are Multi-WAN Gigabit VPN routers with built-in firewalls that allow businesses to build comprehensive wired, wireless and VPN networks for one or many locations.	
Target Audience	These business-grade routers are ideal for small-to-medium businesses, enterprises, branch offices, retail, education, hospitality, and more.	
Product Description	These routers offer high-performance routing and switching power along with built-in VPN support for secure in-office and inter-office connectivity. To provide enterprise-grade security protection and ensure stable network operation, the GWN7001/7002/7003 features a built-in firewall with advanced content security, filtering, threat detection, attack prevention and more. To maximize network reliability, they support traffic load balancing, failover and bandwidth management capabilities. The GWN7001 includes 6 Gigabit ethernet ports, while the GWN7002/7003 include 2 Gigabit SFP ports, 4/9 Gigabit ethernet ports, and 2 PoE output ports that allow them to provide power to other endpoints. These routers can manage themselves and up to 150 Grandstream GWN Series Wi-Fi APs thanks to an embedded controller located in the products' web user interface. These routers can also be managed with GWN.Cloud and GWN Manager, Grandstream's free cloud and on-premise network management tools. The GWN7001/GWN7002/GWN7003 provide high-performance routing , VPN support, powerful security protection and easy-to-use network management tools.	
Customer Challenges	A small-to-medium business needs a high-performance router to build/update their network across one or multiple locations to support state-of-the-art business communications, expand productivity and provide seamless high-speed network access with advanced firewalls and content filtering/monitoring.	An enterprise, hotel, retail chain or multi-site business needs high-performance routers to provide maximum-speed network access in each office while creating a centralized VPN network that can be accessed from other offices and remotely. They also need a device that provides enterprise-grade firewall protection along with content filtering and application monitoring.
Customer Solutions	The GWN7000 Series are ideal for SMBs as they provide high-performance routing and switching power along with built-in VPN support with free and flexible management options. To provide powerful security protection and ensure stable network operation, the GWN7000 Series features a built-in firewall with advanced content security, filtering, threat detection, attack prevention and more to easily provide businesses with full control of their network.	The GWN7000 Series are the ideal solution for any large or multi-site business as it provides advanced network control, security, network access, and flexible management options. Built-in VPN, firewall and QoS ensures that the GWN7000 Series provides high-performance network access that is fully secure and accessible from any location while providing enterprise-grade network control that can be customized based on the needs of any business.

GWN Series Routers
GWN7052/GWN7052F

GRANDSTREAM
CONNECTING THE WORLD

Dual-Band Wi-Fi Router
GWN7052 • GWN7052F

The GWN7052/GWN7052F is a secure dual-band router powered by 802.11ac Wi-Fi technology. Ideal for small offices, home offices and remote workers, the GWN7052/GWN7052F provides dual-band 2 ×2 MU-MIMO and supports wireless Mesh networking and wired AP connections. Powered by a dual-core 880MHz processor, the GWN7052/GWN7052F 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. The GWN7052/GWN7052F 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 GWN7052/GWN7052F includes a built-in controller embedded within the product's web user interface. It is also supported by GWN.Cloud, 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 and advanced QoS, the GWN7052/GWN7052F is the ideal router for a growing a home and small business network.

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

Dual-band 2x2:2 MU-MIMO

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

Supports up to 100 wireless 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

Secure cloud provisioning through GWN.Cloud

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

	GWN7052	GWN7052F
Memory and NAT Sessions	128MB RAM, 30K NAT sessions	256MB RAM, 60K NAT sessions
NAT Routing & IPSec VPN Performance	1Gbps NAT routing and 300Mbps IPSec VPN performance	
Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac	
Antennas	4 individual external antennas, 2 per band 2.4GHz, gain 5.0dBi 5 GHz, gain 5.0dBi	
Wi-Fi Data Rates	**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 *Not all frequency bands can be used in all regions*	
Channel Bandwidth	2.4G: 20 and 40 MHz 5G: 20, 40 and 80 MHz	
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	
MIMO	2×2:2 2.4GHz 2×2:2 5GHz	
Maximum TX Power	2.4G: 23dBm 5G: 24dBm *Maximum power varies by country, frequency band and MCS rate*	
Receiver Sensitivity	**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** 802.11a: -92dBm @6Mbps, -74dBm @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	16 SSIDs total, 8 per radio (2.4ghz and 5 ghz)	
Concurrent Clients	Up to 100 concurrent clients	
Network Interfaces	1x Gigabit Ethernet WAN port and 4x Gigabit Ethernet LAN ports	1x Gigabit SFP WAN port, 1x Gigabit Ethernet port (WAN/LAN configurable), and 3x Gigabit Ethernet LAN ports
Auxiliary Ports	1x USB 2.0 port, 1x Reset Pinhole	
Mounting	Desktop and wall mounting	
LEDs	1 tri-color LED and 7x single-color LEDs for device tracking and status indication	
Network Protocols	IPv4, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM	
QoS	802.11e/WMM, VLAN, TOS	
Firewall	DDNS, Port Forwarding, DMZ, UPnP, Anti-DoS, traffic rules, NAT, ALG	
VPN	Client: L2TP, PPTP, IPSec, OpenVPN Server: IPSec, OpenVPN	
Network Management	GWN7052 embedded controller can manage itself and up to 30 GWN APs; GWN.Cloud offers a free cloud management platform for unlimited GWN7052 routers and GWN APs	GWN7052F embedded controller can manage itself and up to 50 GWN APs; GWN.Cloud offers a free cloud management platform for unlimited GWN7052F routers and GWN APs
Power & Green Energy Efficiency	Universal power adaptor included: Input 100-240VAC 50-60Hz Output: 12VDC 1A (12W);	
Environmental	Operation: 0°Cto 50°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing	
Physical	Unit Dimension without antennas: 205mm(L)x130mm(W)x35.5mm(H); Unit Dimension with antennas of 90°: 235.5mm(L)x145mm(W)x192mm(H); Unit Weight: 375g Entire Package Dimension: 250mm(L)x251.5mm(W)x56mm(H); Entire Package Weight: 740g	
Package Content	GWN7052/GWN7052F Router, Universal Power Supply, Network Cable, Quick Installation Guide	

8.2022.01

Translations

GWN Series Routers
GWN7062

Wi-Fi 6 Dual-Band Router
GWN7062

The 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 2×2 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. It 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, 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.

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 up to 256 concurrent wireless client devices
Supports Mesh networking with Grandstream access points to provide easy network expansion	Powerful security features include guest network, network blacklist, Anti-hacking secure boot & critical data/control lockdown via digital signatures, and more	Secure cloud provisioning through GWN.Cloud	Rich firewall features including Anti-DoS, traffic rules, NAT and ALG

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
Antennas	4 individual internal antennas, 2 per band 2.4GHz: maximum gain 4.5dBi 5 GHz: maximum gain 5dBi
Wi-Fi Data Rates	**5G:** IEEE 802.11ax: 7.3 Mbps to 1201 Mbps 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 802.11ax: 7.3 Mbps to 573.5 Mbps 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 – 2483.5 MHz (2412-2472MHz are channel central frequency range; 2400-2483.5MHz is Frequency band) 5GHz radio: 5150 - 5850 MHz *Not all frequency bands can be used in all regions*
Channel Bandwidth	2.4G: 20 and 40 MHz 5G: 20, 40 and 80 MHz
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
MIMO	2×2:2 2.4GHz 2×2:2 5GHz
Coverage Range	Up to 175 meters *coverage range can vary based on environment*
Maximum TX Power	5G: 26dBm 2.4G: 27dBm *Maximum power varies by country, frequency band and MCS rate*
Receiver Sensitivity	**2.4G** 802.11b: -97dBm@1Mbps, -89dBm@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: -93dBm @6Mbps, -75dBm @54Mbps; 802.11n: 20MHz: -73dBm @MCS7; 802.11n 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
Memory and NAT Sessions	512MB RAM, 120K NAT sessions
NAT Routing & IPSec VPN Performance	2 Gbps NAT routing and 850Mbps IPSec VPN performance
SSIDs	32 SSIDs total, 16 per radio (2.4GHz & 5GHz)
Concurrent Wireless Clients	Up to 256 wireless clients
Network Interfaces	1x Gigabit Ethernet WAN port, 1x Gigabit Ethernet port (WAN/LAN configurable), and 3x Gigabit Ethernet LAN ports
Auxiliary Ports	1x USB 3.0 port, 1x Reset button, 1x SYNC button
Mounting	Desktop
LEDs	1 tri-color LED and 7 single-color LEDs for device tracking and status indication
Network Protocols	IPv4, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
QoS	802.11e/WMM, VLAN, TOS
Firewall	DDNS, Port Forwarding, DMZ, UPnP, Anti-DoS, traffic rules, NAT, ALG
VPN	Client: L2TP, PPTP, IPSec, OpenVPN Server: IPSec, OpenVPN
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
Power and Green Energy Efficiency	Universal power adaptor included: Input 100-240VAC 50-60Hz Output: 12VDC 1.5A (18W);
Environmental	Operation: 0°Cto 50°C Storage: -30°C to 60°C Humidity: 10% to 90% Non-condensing
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
Package Content	GWN7062 Router, Universal Power Supply, Network Cable, Quick Installation Guide
Compliance	FCC, CE, RCM, IC, UKCA

03.2022.01

Translations

[English](#)

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GWN Series Routers
GWN7062E

GRANDSTREAM
CONNECTING THE WORLD

Wi-Fi 6 Router
GWN7062E

The GWN7062E is a secure dual-band AX3000 router powered by the latest Wi-Fi 6 (802.11ax) technology. Ideal for small offices, home offices and remote workers, the GWN7062E provides 2.4G 2×2:2 and 5G 3x3:2 MU-MIMO with XTRA Range technology with beamforming for maximum network throughput and expanded Wi-Fi coverage range, as well as support for wireless Mesh networks. It features a powerful 1.3GHz dual-core processor to provide Wi-Fi speeds up to 3Gbps with up to 128 wireless devices, allowing the GWN7062E to power smart office and home automation, smooth 4K Ultra HD streaming, web meetings, video conferences, online gaming and more. It offers high-performance routing and switching power along with built-in VPN support for secure in-office and inter-office connectivity. The GWN7062E provides parental controls by managing online time control, blocking inappropriate content, and offering daily and weekly statistics to keep families safe while online. This router also provides enterprise-grade security features to ensure secure Wi-Fi and VPN access, including unique security certificates and random default passwords. GWN7062E supports management via local web user interface, GDMS Networking, and GWN Manager. It also supports real-time management by mobile devices using Grandstream Home, Grandstream's mobile unified device management platform. By combining accelerated Wi-Fi speeds, with advanced features including VPN and intelligent QoS, the GWN7062E is the ideal router for a growing home, small offices, business network and more.

Powered by Wi-Fi 6 (802.11ax) standard with up to 3Gbps wireless throughput	Dual-band 2.4G 2x2:2 and 5G 3x3:2 MU-MIMO with technology
Management via Grandstream Home App, Grandstream's mobile unified device management platform	Powerful security features include guest network, network blocklist, Anti-hacking secure boot & critical data/control, lockdown via digital signatures, and more

Built-in VPN support allows easy access to corporate networks for remote employees	Supports up to 128 concurrent wireless client devices
Rich firewall features including DoS, blocklist and URL content filtering	Supports Mesh networking with Grandstream routers to provide easy network expansion

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
Antennas	1x 5GHz: maximum gain 3.4dBi 2x 2.4GHz&5GHz: maximum gain 4.7dBi for 2.4GHz, 4.3dBi for 5GHz
Wi-Fi Data Rates	**5G:** IEEE 802.11ax: 7.3 Mbps to 2402 Mbps IEEE 802.11ac: 6.5 Mbps to 1732 Mbps IEEE 802.11n: 6.5Mbps to 300Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps **2.4G:** IEEE 802.11ax: 7.3 Mbps to 573.5 Mbps IEEE 802.11n: 6.5Mbps to 300Mbps 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: 5150-5895MHz *Not all frequency bands can be used in all regions*
Channel Bandwidth	HT 20/40, VHT 20/40/80, HE 20/40/80/160
Security	WPA/WPA2, WPA2, WPA2/WPA3, WPA3; anti-hack security boot and critical data/control lockdown via digital signatures; unique security certificate and random default password per device; security firewall including DoS, blocklist and URL content filtering; application monitoring and traffic statistics with DPI
MU-MIMO	2×2:2 2.4GHz 3×3:2 5GHz
Maximum TX Power	2.4G: 24dBm 5G: 26dBm *Maximum power varies by country, frequency band and MCS rate*
Receiver Sensitivity	**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: -60dBm@MCS11; 802.11ax 40MHz: -58dBm@MCS11; **5G** 802.11a: -92dBm@6Mbps, -74dBm@54Mbps; 802.11n 20MHz: -73dBm@MCS7; 802.11n 40MHz: -70dBm@MCS7; 802.11ax 20MHz: -67dBm@MCS8; 802.11ac 40MHz: -63dBm@MCS9; 802.11ac 80MHz: -59dBm@MCS9; 802.11ax 20MHz: -60dBm@MCS11; 802.11ax 40MHz: -58dBm@MCS11; 802.11ax 80MHz: -56dBm@MCS11; 802.11ax 160MHz: -52dBm@MCS11;
SSIDs	4 SSIDs total
Concurrent Wireless Clients	Up to 128 wireless clients
Networking Interfaces	3x autosensing 10/100/1000Mbps Ethernet ports
Auxiliary Ports	1x SYNC, 1x POWER, 1x RESET Pinhole
Mounting	Desktop or wall-mounting
LED	1x tri-color LED for device tracking and status indication
Network Protocols	IPv4, IPv6, 802.1p, 802.11e/WMM, DSCP
QoS	• Support 8 queues with multiple traffic priority and bandwidth • APP QoS • QoS rules
NAT	DDNS, Port Forwarding, DMZ, UPnP
VPN	Supports 1 VPN tunnel: • L2TP Client • PPTP Client • IPSec Site-to-Site & Client-to-Site • OpenVPN® Server • WireGuard® Site-to-Site & Peer-to-Site
Networking Management	• Embedded controller (can only manage itself) • GDMS (Networking) offers a free cloud management platform for unlimited GWN Routers • GWN Manager offers premise-based software controller • TR-069
Power and Green Energy Efficiency	USB Type-C power adapter included: Input: 100~240V 50/60Hz Output: 5V/3A(15W)
Environmental	Operation: 0°Cto 40°C, humidity: 10% to 90% RH (Non-condensing) Storage: -20°C to 60°C, humidity: 10% to 90% RH (Non-condensing)
Dimensions	Unit Dimensions: 140mm(L)*46mm(W)*90mm(H) Entire Package Dimensions: 176.5mm(L)*170mm(W)*72mm(H)
Unit Weight	Unit Weight: 185g Entire Package Weight: 465g
Package Content	GWN7062E router, Power Adapter, Ethernet Cable, Quick Installation Guide
Compliance	FCC, CE, RCM, IC

10.2024 v1

Translations

GWN Series Routers
GWN7062ET

GRANDSTREAM
CONNECTING THE WORLD

Wi-Fi 6 Router with FXS Ports
GWN7062ET

The GWN7062ET is a secure dual-band AX3000 router powered by the latest Wi-Fi 6 (802.11ax) technology and comes with 2 FXS ports to satisfy convenient telephony. Ideal for retail shops, small offices, home offices and remote workers, the GWN7062ET provides 2.4G 2×2:2 and 5G 3x3:2 MU-MIMO with XTRA Range technology with beamforming for maximum network throughput and expanded Wi-Fi coverage range, as well as support for wireless Mesh networks. It features a powerful 1.3GHz dual-core processor to provide Wi-Fi speeds up to 3Gbps with up to 128 wireless devices, allowing the GWN7062ET to power smart office and home automation, smooth 4K Ultra HD streaming, web meetings, video conferences, online gaming and more. It supports VPN to allow remote employees to securely connect to the corporate network from home or branch offices. The GWN7062ET also supports DPI for application identification and traffic statistics, and firewall such as URL filtering to block insecure or inappropriate contents, which can effectively help administrators better monitor and manage network traffic. The GWN7062ET provides parental controls by managing online time control, blocking inappropriate content, and offering daily and weekly statistics to keep families safe while online. GWN7062ET can be managed in a number of ways, including the local web user interface, GDMS Networking and GWN Manager, Grandstream's cloud and on-premise network management platform, and Grandstream Home, Grandstream unified mobile management platform for easy control. By combining accelerated Wi-Fi speeds, with advanced features including mesh networking, VPN, traffic statistics, intelligent QoS and URL filtering, the GWN7062ET is the ideal router for a growing home, small offices, business networks, and more.

Powered by Wi-Fi 6 (802.11ax) standard with up to 3Gbps wireless throughput

Dual-band 2.4G 2x2:2 and 5G 3x3:2 MU-MIMO with DL/UL OFDMA technology

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

Supports up to 128 concurrent wireless client devices

Management via Grandstream Home App, Grandstream's mobile unified device management platform

Powerful security features include guest network, network blocklist, Anti-hacking secure boot & critical data/control, lockdown via digital signatures, and more

Rich firewall features including DoS, blocklist, and URL content filtering

Supports Mesh networking with Grandstream routers to provide easy network expansion

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
Antennas	1x 5GHz: maximum gain 3.4dBi 2x 2.4GHz&5GHz: maximum gain 4.7dBi for 2.4GHz, 4.3dBi for 5GHz
Wi-Fi Data Rates	**5G:** IEEE 802.11ax: 7.3 Mbps to 2402 Mbps IEEE 802.11ac: 6.5 Mbps to 1732 Mbps IEEE 802.11n: 6.5Mbps to 300Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps **2.4G:** IEEE 802.11ax: 7.3 Mbps to 573.5 Mbps IEEE 802.11n: 6.5Mbps to 300Mbps 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: 5150-5895MHz *Not all frequency bands can be used in all regions*
Channel Bandwidth	HT 20/40, VHT 20/40/80, HE 20/40/80/160
Security	WPA/WPA2, WPA2, WPA2/WPA3, WPA3; anti-hack security boot and critical data/control lockdown via digital signatures; unique security certificate and random default password per device; security firewall including DoS, blocklist and URL content filtering; application monitoring and traffic statistics with DPI
MU-MIMO	2×2:2 2.4GHz 3×3:2 5GHz
Maximum TX Power	2.4G: 24dBm 5G: 26dBm *Maximum power varies by country, frequency band and MCS rate*
Receiver Sensitivity	**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: -60dBm@MCS11; 802.11ax 40MHz: -58dBm@MCS11; **5G** 802.11a: -92dBm@6Mbps, -74dBm@54Mbps; 802.11n 20MHz: -73dBm@MCS7; 802.11n 40MHz: -70dBm@MCS7; 802.11ac 20MHz: -67dBm@MCS8; 802.11ac 40MHz: -63dBm@MCS9; 802.11ac 80MHz: -59dBm@MCS9; 802.11ax 20MHz: -60dBm@MCS11; 802.11ax 40MHz: -58dBm@MCS11; 802.11ax 80MHz: -56dBm@MCS11; 802.11ax 160MHz: -52dBm@MCS11;
SSIDs	4 SSIDs total
Concurrent Wireless Clients	Up to 128 wireless clients
Networking Interfaces	3x autosensing 10/100/1000Mbps Ethernet ports
Analog Telephone FXS Ports	2x RJ11 Ports
Auxiliary Ports	1x USB 3.0, 1x SYNC, 1x RESET Pinhole
Mounting	Desktop or wall-mount
LED	1x tri-color LED for device tracking and status indication
Network Protocols	IPv4, IPv6, 802.1p, 802.11e/WMM, DSCP
QoS	• Support 8 queues with multiple traffic priority and bandwidth • APP QoS • QoS rules
NAT	DDNS, Port Forwarding, DMZ, UPnP
VPN	Supports 1 VPN tunnel: • L2TP Client • PPTP Client • IPSec Site-to-Site & Client-to-Site • OpenVPN® Server • WireGuard® Site-to-Site & Peer-to-Site
Networking Management	• GWN7062ET Embedded controller can only manage itself • GDMS (Networking) offers a free cloud management platform for unlimited GWN Routers • GWN Manager offers premise-based software controller • TR-069
Power and Green Energy Efficiency	Universal power adapter included: Input: 100~240V 50/60Hz Output: 12V/1.5A (18W)
Environmental	Operation: 0°Cto 40°C, humidity: 10% to 90% RH (Non-condensing) Storage: -20°C to 60°C, humidity: 10% to 90% RH (Non-condensing)
Dimensions	Unit Dimensions: 160mm(L)*50mm(W)*98mm(H) Entire Package Dimensions: 187mm(L)*193mm(W)*76mm(H)
Unit Weight	Unit Weight: 238g Entire Package Weight: 527g
Package Content	GWN7062ET router, Power Adapter, Ethernet Cable, Quick Installation Guide
Compliance	FCC, CE, RCM, IC

03.2025 v3

Translations

English

French

German

Italian

Polish

Portuguese

Russian

Spanish

GWN Series Routers
GWN7001 - GWN7002 - GWN7003

GRANDSTREAM
CONNECTING THE WORLD

GWN7001   GWN7002   GWN7003

Multi-WAN Gigabit VPN Router
GWN7001 • GWN7002 • GWN7003

GWN7001/7002/7003 are Multi-WAN Gigabit VPN routers with built-in firewalls that allow businesses to build comprehensive wired, wireless and VPN networks for one or many locations. They offer high-performance routing and switching power along with built-in VPN support for secure in-office and inter-office connectivity. To provide enterprise-grade security protection and ensure stable network operation, the GWN 7001/7002/7003 features a built-in firewall with advanced content security, filtering, threat detection, attack prevention and more. To maximize network reliability, they support traffic load balancing, failover and bandwidth management capabilities. The GWN7001 includes 6 Gigabit ethernet ports.The GWN7002/GWN7003 include 2 2.5 Gigabit SFP ports, 4/9 Gigabit ethernet ports, and 2 PoE output ports that allow them to provide power to other endpoints. These routers can manage themselves and up to 150 Grandstream GWN Series Wi-Fi APs thanks to an embedded controller located in the products' web user interface. These routers can also be managed with GWN.Cloud and GWN Manager, Grandstream's free cloud and on-premise network management tools. By supporting triple-play, different services such as Internet, IPTV and VoIP can be assigned with different VLANs and priorities. By providing high-performance routing, VPN support, powerful security protection and easy-to-use network management tools, the GWN Gigabit VPN routers are ideal for a wide variety of deployments including small-to- medium businesses, retail, education, hospitality, healthcare and more.

1x GbE RJ45 port with IEEE 802.3af/at PoE Input and 2x GbE RJ45 ports with 48V Passive PoE output or IEEE802.3af (GWN7002/GWN7003)	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
Supports TURN service with IP PBX to quickly achieve NAT traversal	

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	GWN7001	GWN7002	GWN7003
CPU	Dual ARM Cortex A53 1GHz		
Memory and NAT Sessions	256MB RAM, 256MB Flash, 30K NAT sessions	256MB RAM, 256MB Flash, 30K NAT sessions	512MB RAM, 256MB Flash, 60K NAT sessions
Network Interfaces	6x Gigabit Ethernet ports *All ports support WAN/LAN configurable	2x Gigabit SFP ports and 4x Gigabit Ethernet ports *All ports support WAN/LAN configurable	2x Gigabit SFP ports and 9x Gigabit Ethernet ports *All ports support WAN/LAN configurable
NAT Throughput	2.2Gbps		
IPsec VPN Throughput	530Mbps		
Auxiliary Ports	1x USB 2.0 port, 1x Reset Pinhole		
Mounting	Desktop and wall mounting		
LEDs	8x single-color LEDs for device tracking and status indication	8x single-color LEDs for device tracking and status indication	13x single-color LEDs for device tracking and status indication
Connection Type	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	• VLAN, TOS • Support multiple traffic classes, filter by port, IP address, DSCP, and policing • App Qos • VoIP Prioritization		
Firewall	DDNS, Port Forwarding, DMZ, UPnP, Anti-DoS, traffic rules, NAT, ALG		
Security	• 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 / Clien-to-Site • L2TP Client-to-Site • 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	Up to 50 Tunnels	Up to 100 Tunnels
Network Management	GWN7001 embedded controller can manage itself and up to 100 GWN APs	GWN7002 embedded controller can manage itself and up to 100 GWN APs	GWN7003 embedded controller can manage itself and up to 150 GWN APs
	GWN.Cloud offers a free cloud management platform for unlimited GWN Routers and GWN APs.		
PoE Input	N/A	Standard: IEEE 802.3af/at	
PoE Output	N/A	2x PoE out ports Passive 48V or IEEE802.3af	
PoE Power Budget	N/A	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: 12V DC 1A (12W)	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: 453g Entire Package Dimension: 246mm(L)x235mm(W)x54mm(H); Entire Package Weight: 672g	Unit Dimension: 210mm(L)x130mm(W)x35mm(H); Unit Weight: 505g Entire Package Dimension: 246mm(L)x235mm(W)x54mm(H); Entire Package Weight: 730g	Unit Dimension: 260mm(L)x149.35mm(W)*35mm(H); Unit Weight: 1096g Entire Package Dimension: 297mm(L)x255.5mm(W)x54mm(H); Entire Package Weight: 1443g
Package Content	GWN7001 Router, Universal Power Supply, Network Cable, Quick Installation Guide	GWN7002 Router, Universal Power Supply, Network Cable, Quick Installation Guide	GWN7003 Router, Universal Power Supply, Network Cable, Quick Installation Guide, 8 x screws,1 x ground wire, 2 x mounting brackets
Compliance	FCC, CE, RCM, IC, UKCA		

4.2023.01

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Translations

English

French

German

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Spanish

GWN Series Routers
Social Graphics

Use the editable template to customize your own social image by adding your logo, or create your own using the elements provided below. Photoshop files as well as PNGs are provided for each product. For paid social promotion it is recommended to use social images with limited to no text.

Social Image w/ Text

GWN7052 (PSD)	GWN7001/7002/7003 (PSD)
GWN7052 (PNG)	GWN7001/7002/7003 (PNG)
GWN7062 (PSD)	GWN7001 (PSD)
GWN7062 (PNG)	GWN7001 (PNG)
GWN7062E (PSD)	GWN7002 (PSD)
GWN7062E (PNG)	GWN7002 (PNG)
GWN7062ET (PSD)	GWN7003 (PSD)
GWN7062ET (PNG)	GWN7003 (PNG)

Social Image w/o Text

GWN7052

GWN7062

GWN7062E

GWN7062ET

GWN7001/7002/7003

GWN7001

GWN7002
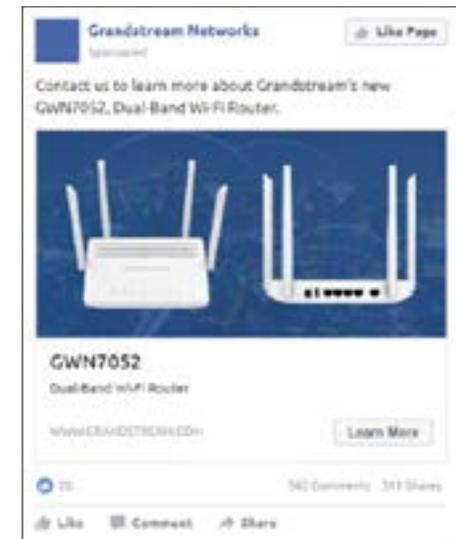
GWN7003

Suggested Social Post Copy

GWN7052

GWN7062

GWN7062E

GWN7062ET

GWN7001/GWN7002/GWN7003

GWN7001

GWN7002

GWN7003

GWN Series Routers
Marketing Assets - GWN7052/GWN7052F

Product Images
GWN7052_1
GWN7052_2
GWN7052_3
GWN7052_4
GWN7052_5
GWN7052_6

GWN7052_1

GWN7052_2

GWN7052_3

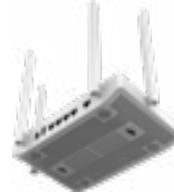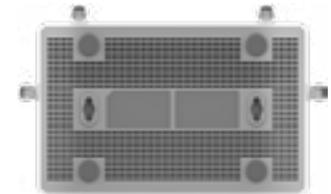GWN7052_4

GWN7052_5

GWN7052_6

Feature Icons
Gigabit
2x2 MIMO
VPN
Devices
Mesh
Security
Management
Firewall

Gigabit

2x2 MIMO

VPN

Devices

Mesh

Security

Management

Firewall

GWN Series Routers
Marketing Assets - GWN7062

Product Images
GWN7062_1
GWN7062_2
GWN7062_3
GWN7062_4
GWN7062_5
GWN7062_6

GWN7062_1

GWN7062_2

GWN7062_3

GWN7062_4

GWN7062_5

GWN7062_6

Feature Icons
Wi-Fi
2x2 MIMO
VPN
Devices
Mesh
Security
Management
Firewall

Wi-Fi

2x2 MIMO

VPN

Devices

Mesh

Security

Management

Firewall

GWN Series Routers
Marketing Assets - GWN7062E

Product Images
GWN7062E_1
GWN7062E_2
GWN7062E_3
GWN7062E_4
GWN7062E_5
GWN7062E_6

GWN7062E_1   GWN7062E_2   GWN7062E_3
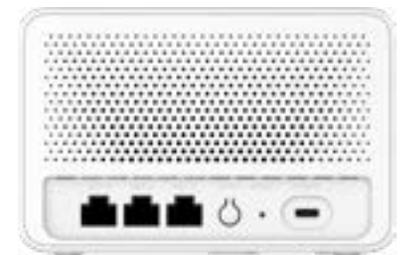
GWN7062E_4   GWN7062E_5   GWN7062E_6

Feature Icons
Wi-Fi
3x3 MIMO
VPN
Devices
Mesh
Security
GDMS
Firewall

Wi-Fi   3x3 MIMO   VPN   Devices

Mesh   Security   GDMS   Firewall

GWN Series Routers
Marketing Assets - GWN7062ET

Product Images
GWN7062ET_1
GWN7062ET_2
GWN7062ET_3
GWN7062ET_4
GWN7062ET_5
GWN7062ET_6

GWN7062ET_1

GWN7062ET_2

GWN7062ET_3

GWN7062ET_4

GWN7062ET_5

GWN7062ET_6

Feature Icons
Wi-Fi
3x3 MIMO
VPN
Devices
Mesh
Security
GDMS
Firewall

Wi-Fi

3x3 MIMO

VPN

Devices

Mesh

Security

GDMS

Firewall

GWN Series Routers
Marketing Assets - GWN7001 / GWN7002 / GWN7003

Product Images
GWN7001 (ZIP)
GWN7002 (ZIP)
GWN7003 (ZIP)

GWN7001   GWN7002   GWN7003

Feature Icons
PoE
Gigabit
VPN
Multi-WAN
Firewall
Monitoring
QoS
Filtering
Management

PoE   Gigabit   VPN   Multi-WAN   QoS

Filtering   Monitoring   Management   Firewall