



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 2x2 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 blazing-fast Wi-Fi speeds up to 1.8 Gbps with 4-times increased data capacity to 64 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. 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 4 times increased data capacity



Dual-band 2x2:2 MU-MIMO with DL/UL OFDMA technology



Up to 175-meter coverage range



Provides Wi-Fi speeds of up to 1.8 Gbps for 64 devices



Supports Mesh networking & wired AP connection 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



A 64-bit, 1.2 GHz quad core processor powers smooth 4K Ultra HD streaming, home automation, online gaming and more



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

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
Antennas	4 dual-band high-performance internal antennas
Wi-Fi Data Rates	<p>5G: IEEE 802.11ax: 7.3 Mbps to 1202 Mbps</p> <p>2.4G: IEEE 802.11ax: 7.3 Mbps to 573.5 Mbps</p> <p>Backwards compatible with 802.11a/b/g/n/ac Wi-Fi</p> <p><i>*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</i></p>
Channel Bandwidth	<p>2.4G: 20 and 40 MHz</p> <p>5G: 20,40 and 80 MHz</p>
Wi-Fi and System Security	WPA&WPA2, WPA2&WPA3, WPA3, VPN, Anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device, configurable automatic software update
Network Security	Guest network, network blacklist, parental control, VPN support for PC & Mac
MIMO	<p>2x2:2 2.4GHz</p> <p>2x2:2 5GHz</p>
Coverage Range	<p>Up to 175 meters</p> <p><i>*coverage range can vary based on environment</i></p>
Maximum TX Power	<p>2.4G: 27dBm</p> <p>5G: 26dBm</p> <p><i>*Maximum power varies by country, frequency band and MCS rate</i></p>
MESH & AP Management	Supports up to 8 Mesh nodes and APs
SSIDs	2 SSIDs total, 1 per radio (2.4ghz and 5 ghz)
Concurrent Clients	64 concurrent clients
Network Interfaces	5x autosensing 10/100/1000Mbps Gigabit Ethernet ports, including 2x WAN + 3x LAN
Auxiliary Ports & Controls	1x USB 3.0 port, 1x Reset Pinhole, 1x Sync button, On/Off LED indicator switch
Embedded Controller	Manage up to 8 Mesh nodes and APs
Mounting	Indoor wall mount or ceiling mount, kits included
VPN	Yes
Network Protocols	IPv4, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
Intelligent QoS	Intelligent QoS prioritizes Internet traffic by application and devices for smooth streaming
Smart Connect	Actively selects the fastest Wi-Fi band for every device connection
Network Management	<p>Embedded controller can manage up to 8 Mesh nodes and APs (access from web user interface)</p> <p>GWN router app (pending) offers a local & remote management platform for unlimited GWN routers</p>
Local System Requirements	Microsoft Windows 7, 8, 10, Mac OS, UNIX, Linux, Microsoft Edge 45+, Google Chrome 65+, Firefox 65+, Safari 10+
GWN Router App (pending)	<p>Free app for GWN router setup, remote and local management; available for Android and iOS</p> <ul style="list-style-type: none"> - Remote Management - Easily monitor your network anytime, anywhere - Internet Speed Test – Check the broadband speeds from your service provider - Pause Internet – Pause the Internet to any device(s) - Traffic Meter – Track Internet data usage - Guest Networks – Set up separate Wi-Fi access for guests - Quick Setup – Get connected in minutes and have the app walk you through setup
Processor & Memory	64-bit 1.2GHz quad-core processor ensures smooth streaming up to 4K UHD; 256 MB memory
OFDMA Technology	Uplink & Downlink OFDMA for Improved capacity and efficiency
Readyshare USB Access	Wirelessly access and share a USB hard drive connected to the GWN7062 via USB port
Beamforming Technology	Beamforming+ propvides improved range and performance for both 2.4Ghz and 5GHz devices
BSS Coloring Technology	Detects and eliminate interference from nearby Wi-Fi networks to optimize signal streght for all devices
Environmental	TBD
Physical	<p>Unit Dimension: 95mm(L) x 95mm(W) x 193mm(H)</p> <p>Entire Package Dimension: 286mm(L) x 126.5mm(W) x 105mm(H)</p>
Package Content	GWN7062 Wi-Fi 6 Router, Ethernet Cable, Power adapter, Quick Installation Guide
Compliance	FCC, CE, RCM, IC