



Wi-Fi 6 Router

GWN7062F

The GWN7062F 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 GWN7062F provides 2.4G 2x2:2 and 5G 2x2:2 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 GWN7062F 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 GWN7062F 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. To ensure easy installation and management, the GWN7062F includes a built-in controller embedded within the product's web user interface. It is also supported by GDMS Networking and GWN Manager, Grandstream's free cloud and on-premise Wi-Fi management platforms. By combining accelerated Wi-Fi speeds, with advanced features including VPN and intelligent QoS, the GWN7062F 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 2x2:2 MU-MIMO with technology



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



Supports up to 128 concurrent wireless client devices



Secure cloud provisioning through GDMS Networking



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

Memory	512MB RAM, 256MB Flash
Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
Antennas	2:2x 2.4GHz Gain 5dBi; 2:2x5Ghz Gain 5dBi
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 <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>
Frequency Bands	2.4GHz radio: 2400-2483.5MHz. 5GHz radio: 5150-5895MHz <i>*Not all frequency bands can be used in all regions</i>
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	2x2:2 2.4GHz 2x2:2 5GHz
Maximum TX Power	2.4G: 24dBm 5G: 27dBm <i>*Maximum power varies by country, frequency band and MCS rate</i>
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 256 wireless clients
Networking Interfaces	1 x 2.5Gbps RJ45/SFP combo port, 1 x 2.5Gbps LAN port, 3 x Gigabit LAN ports
Auxiliary Ports	1x POWER, 1x RESET Pinhole
Mounting	Desktop or wall-mounting
LED	Power indicator LED and network port status LEDs.
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, 45,000 NAT sessions
VPN	Supports VPN tunnel: - L2TP Client - PPTP Client - IPSec Site-to-Site & Client-to-Site - OpenVPN® Server - WireGuard® Site-to-Site & Peer-to-Site
Networking Management	- GWN Manager offers premise-based software controller - TR-069
Power and Green Energy Efficiency	Universal power adaptor included: Input 100-240VAC 50-60Hz Output: 12VDC 1A (12W);
Environmental	Operation: -5°C to 55°C, humidity: 9% to 93% RH (Non-condensing) Storage: -20°C to 60°C, humidity: 9% to 93% 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	GWN7062F router, Power Adapter, Ethernet Cable, Quick Installation Guide
Compliance	FCC, CE, RCM, IC