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. To ensure easy installation and management, the GWN7062E 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 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

3x3 MIMO

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

VPN

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

Supports up to 128 concurrent wireless client devices

GDMS

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

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
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

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