



## Wi-Fi 6 Router with FXS Ports GWN7062ET

The GWN7062ET is a secure dual-band 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 GWN7062E provides 2.4G 2x2:2 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. 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 GWN APP. 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



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

<b>Wi-Fi Standards</b>	IEEE 802.11 a/b/g/n/ac/ax
<b>Antennas</b>	1x 5GHz: maximum gain 3.4dBi 2x 2.4GHz&5GHz: maximum gain 4.7dBi for 2.4GHz, 4.3dBi for 5GHz
<b>Wi-Fi Data Rates</b>	<b>5G:</b> 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 <b>2.4G:</b> 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>
<b>Frequency Bands</b>	2.4GHz radio: 2400-2483.5MHz 5GHz radio: 5150-5895MHz <i>*Not all frequency bands can be used in all regions</i>
<b>Channel Bandwidth</b>	2.4G: 20 and 40MHz 5G: 20, 40, 80 and 160MHz
<b>Security</b>	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
<b>MU-MIMO</b>	2x2:2 2.4GHz 3x3:2 5GHz
<b>Maximum TX Power</b>	2.4G: 24dBm 5G: 26dBm <i>*Maximum power varies by country, frequency band and MCS rate</i>
<b>Receiver Sensitivity</b>	<b>2.4G</b> 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; <b>5G</b> 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;
<b>Wi-Fis</b>	4 Wi-Fis total
<b>Concurrent Wireless Clients</b>	Up to 128 wireless clients
<b>Networking Interfaces</b>	3x autosensing 10/100/1000Mbps Ethernet ports
<b>Analog Telephone FXS Ports</b>	2x RJ11 Ports
<b>Auxiliary Ports</b>	1x USB 3.0, 1x SYNC, 1x RESET Pinhole
<b>Mounting</b>	Desktop or wall-mount
<b>LED</b>	1x tri-color LED for device tracking and status indication
<b>Network Protocols</b>	IPv4, IPv6, 802.1p, 802.11e/WMM, DSCP
<b>QoS</b>	<ul style="list-style-type: none"> <li>• Support 8 queues with multiple traffic priority and bandwidth</li> <li>• APP QoS</li> <li>• QoS rules</li> </ul>
<b>NAT</b>	DDNS, Port Forwarding, DMZ, UPnP
<b>VPN</b>	Supports 1 VPN tunnel: <ul style="list-style-type: none"> <li>• L2TP Client</li> <li>• PPTP Client</li> <li>• IPsec Site-to-Site &amp; Client-to-Site</li> <li>• OpenVPN® Server</li> <li>• WireGuard® Site-to-Site &amp; Peer-to-Site</li> </ul>
<b>Networking Management</b>	<ul style="list-style-type: none"> <li>• GWN7062ET Embedded controller can only manage itself</li> <li>• GDMS (Networking) offers a free cloud management platform for unlimited GWN Routers</li> <li>• GWN Manager offers premise-based software controller</li> <li>• TR-069</li> </ul>
<b>Power and Green Energy Efficiency</b>	Universal power adapter included: Input: 100-240V 50/60Hz Output: 12V/1.5A (18W)
<b>Environmental</b>	Operation: 0°C to 40°C, humidity: 10% to 90% RH (Non-condensing) Storage: -20°C to 60°C, humidity: 10% to 90% RH (Non-condensing)
<b>Dimensions</b>	Unit Dimensions: 160mm(L)*50mm(W)*98mm(H) Entire Package Dimensions: 187mm(L)*193mm(W)*76mm(H)
<b>Unit Weight</b>	Unit Weight: 238g Entire Package Weight: 527g
<b>Package Content</b>	GWN7062ET router, Power Adapter, Ethernet Cable, Quick Installation Guide
<b>Compliance</b>	FCC, CE, RCM, IC