

GWN7052 & GWN7062 vs. Industry Competition



3 Free Wi-Fi Management Options

The GWN7052 and GWN7062 offers 3 free management options: cloud based (GWN.Cloud), software based (GWN.Manager) and embedded (built-in to the web UI). This makes for easy management that is accessible from anywhere at anytime. Netgear's AC1200 requires paid management with the nighthawk app. TP Link AC1200 offers free management with the Tether App, however it does not let you troubleshoot or manage your router remotely. TrendNet AC1200 offers web-based management.



Higher Wi-Fi Throughput

The GWN7062 and GWN7052 provides an overall higher wi-fi throughput of 1.77 Gbps and 1.27 Gbps respectively. Trendet AC1200, Netgear AC1200 and TP Link AC1200 provides a wireless throughput of 1.17 Gbps



VPN Support

The GWN7052 & GWN7062 have built-in VPN support. This helps the user to secure the network, hide private information and prevent data throttling. Netgear AC1200 supports Open VPN however does not have built-in VPN support. TP Link AC1200 and TrendNet AC1200 do not support VPN altogether thereby resulting in a much less secure network.



Supported Clients

The GWN7062 supports 256 clients which is more than double of it's competitors thereby providing more bandwidth and Wi-Fi speed compared to it's competitors. GWN7052 and TP Link support 100 clients and the Netgear AC1200 supports only 20 clients.

	 GWN7052	 GWN7062	 TRENDNET AC1200	 NETGEAR AC1200	 TP-LINK AC1200
Wi-Fi 2.4G	2x2 802.11n	2x2 802.11ax	2x2 802.11n	2x2 802.11n	2x2 802.11n
Wi-Fi 5G	2x2 802.11ac	2x2 802.11ax	2x2 802.11ac	2x2 802.11ac	2x2 802.11ac
Wi-Fi 6	No	Yes	No	No	No
2.4GHz Throughput	400 Mbps	574 Mbps	300 Mbps	300 Mbps	300 Mbps
5GHz Throughput	867 Mbps	1201 Mbps	867 Mbps	867 Mbps	867 Mbps
Wireless Throughput	1.27 Gbps	1.77 Gbps	1.17 Gbps	1.17 Gbps	1.17 Gbps
WAN	1 x Gigabit	1 x Gigabit	1 x Gigabit	1 x Gigabit	1 x 100 Mbps
LAN	4 x Gigabit	3 x Gigabit	4 x 100 Mbps	4 x Gigabit	4 x 100 Mbps
WAN/LAN	N/A	1 x Gigabit	N/A	N/A	N/A
USB	1 x USB 2.0	1 x USB 3.0	1 x USB	1 x USB 2.0	N/A
Wi-Fi Controller	Yes	Yes	N/A	N/A	N/A
Concurrent Clients	100	256	-	20	100
Wi-Fi 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	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	Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS	Guest network access—Separate & secure, Standards-based WiFi Security (802.11i,128-bit AES encryption with PSK), Denial-of-service (DoS) attack prevention	Main network secure by creating a separate network for friends and visitors, access control, establish a whitelist or blacklist to allow or restrict certain devices to access the internet, encryptions for Secure Network, WPA-PSK and WPA2-PSK encryptions provide active protection against security threats
SSIDs	16 total, 8 per radio	32 total, 8 per radio	6 total, 3 per radio	4 total, 2 per radio	4 total, 2 per radio
Dyanmic Frequency Selection (DFS)	Yes	Yes	No	No	No
VPN	Built-in VPN support allows easy access to corporate network for remote employees, Client: L2TP, PPTP, IPSec, OpenVPN Server: IPSec, OpenVPN	Built-in VPN support allows easy access to corporate network for remote employees, Client: L2TP, PPTP, IPSec, OpenVPN Server: IPSec, OpenVPN	VPN not supported	Open VPN supported	VPN not supported
Routing	Static, Policy Based	Static, Policy Based	Static	Static, RIP 1/RIP 2	Static
Firewall	SPI, NAT, ALG, Anti-DoS, HoneyPot (FP2)	SPI, NAT, ALG, Anti-DoS, HoneyPot (FP2)	SPI, NAT, ALG, Anti-DoS	SPI, NAT	SPI, NAT, ALG
IGMP proxy/snooping	Yes				
Access Control	Device and Time				
Bandwidth Control	IP-Based				
Management	3 free options: cloud-based (GWN.Cloud), software-based (GWN.Manager) and embedded	3 free options: cloud-based (GWN.Cloud), software-based (GWN.Manager) and embedded	Web-based management	Requires paid management (Netgear Nighthawk App)	Free management with Tether App, however does not let you troubleshoot or manage your router remotely