



GWN7610

Enterprise 802.11ac WiFi Access Point

The GWN7610 is a high-performance 802.11ac wireless access point for small to medium sized businesses, multiple floor offices, commercial locations and branch offices. It offers dual-band 3x3:3 MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7610 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. This allows each access point to manage its own network independently without needing separate controller hardware/software and without a single point-of-failure. This wireless access point can be paired with any third party routers as well as Grandstream GWN series routers. With support for advanced QoS, low-latency real-time applications, 250+ client devices per AP and dual Gigabit network ports with PoE/PoE+, the GWN7610 is an ideal wireless access point for large and small wireless network deployments.



Gigabit
1.75Gbps wireless throughput and 2x Gigabit wireline ports



3x3 MIMO
Dual-band 3x3:3 MIMO technology



PoE
Self power adaptation upon auto detection of PoE or PoE+



Support more than 250+ WiFi client devices



Embedded controller for auto-discovery and auto-provisioning of WiFi AP network



175 meters
Up to 175-meter coverage range



Advanced security features such as random default password and unique certificate per device



Advanced QoS to ensure real-time performance of low-latency applications

Specifications

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac
Antennas	3x 2.4 GHz, gain 3 dBi, internal antenna 3x 5 GHz, gain 3 dBi, internal antenna
Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 1300 Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n: 6.5 Mbps to 450 Mbps IEEE 802.11b: 1, 2, 5.5, 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Frequency Bands	2.4GHz radio : 2.400 - 2.4835 GHz 5GHz radio: 5.150 - 5.250 GHz, 5.725 - 5.850 GHz
Channel Bandwidth	2.4G: 20 and 40 MHz 5G: 20,40 and 80 MHz
Wi-Fi Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES)
MIMO	3x3:3 2.4GHz, 3x3:3 5GHz
Coverage Range	575 ft. (175 meters)
Maximum TX Power	5G: 26dBm 2.4G: 26dBm
Maximum RX Sensitivity	5G: -97dBm 2.4G: -97dBm
SSIDs	16 SSID per radio
Concurrent Clients	250+
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports
Auxiliary Ports	1x USB 2.0 port, 1x Reset Pinhole, 1x Kensington lock
Mounting	Indoor wall mount or ceiling mount, kits included
LEDs	3 tri-color LEDs for device tracking and status indication
Network Protocols	IPv4, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
QoS	802.11e/WMM, VLAN, TOS
Network Management	Embedded controller in GXP7610 for self-discovery, auto-provisioning and management of multiple WiFi APs in a network
Auto Power Saving	Self power adaptation upon auto detection of PoE or PoE+
Power and Green Energy Efficiency	DC Input: 24VDC/1A Power over Ethernet 802.3af/802.3at compliant Maximum Power Consumption:13.8W
Environmental	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Physical	Unit Dimension: 205.3 x 205.3 x 45.9mm; Unit Weight: 540g Unit + Mounting Kits Dimension : 205.3 x 205.3 x 50.9mm; Unit + Mounting Kits Weight : 600g Entire Package Dimension: 258 x 247 x 86mm; Entire Package Weight: 900g
Package Content	GWN7610 802.11ac Wireless AP, Mounting Kits, Quick Start Guide
Compliance	FCC, CE, RCM, IC