



Partner Marketing Kit



GWN7624 - In-Wall Access Point

GWN In-Wall Wi-Fi Access Point

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GWN In-Wall Wi-Fi Access Point

Sales Kit

The sales kit is a guide to everything you need to know about selling the GWN7624

The Sales Kit includes:

- Overview and Basics
- Key Differentiators
- Comparison Charts
- Deployment Scenarios
- Integration with other Grandstream Products

Translations

[English](#)

[Spanish](#)

GWN7624 - Sales Kit

Overview and Basics

About the GWN7625

The GWN7624 is an in-wall Wi-Fi access point designed for small- to medium-sized businesses, offices, residential and commercial locations, hotels and more. It provides three Gigabit network ports to provide IP phones, IPTV, computers and similar devices with Ethernet while also providing uplink Gigabit network port with PoE/PoE+. The GWN7624 offers 2.4G 2x2:2, 5G 4x4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range.

Product Positioning

This access point is designed to be mounted in-wall to provide a clean and professional installation that blends into the surrounding environment. To ensure easy installation and management, the GWN7624 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. It is the ideal Wi-Fi AP for voice-over-Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi capable IP phones.



Supports 200+ concurrent Wi-Fi client devices



Up to 100 meter coverage range



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

Competitive Features

- 2.03Gbps aggregate wireless throughput
- 5G band 4x4:4 MU-MIMO and 2.4G band 2x2:2 MU-MIMO technology
- Supports 200+ concurrent Wi-Fi client devices
- 2x 10/100/100M Ethernet ports with PSE capabilities and 1x standard 10/100/100M Ethernet port
- Self power adaptation upon auto-detection of PoE/PoE+
- Anti-hacking secure boot and critical data/control lockdown via digital signatures

GWN7624 Key Technical Specifications

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac
Antennas	Two 5G & two double frequency internal antennas 2.4GHz: gain 3dBi, 5 GHz: gain 5dBi
Frequency Bands	2.4GHz radio: 2412 - 2484 GHz / 5GHz radio: 5180 - 5825 GHz
Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
Concurrent Clients	200+
Network Interfaces	1x 10/100/1000 Uplink Ethernet Port, 2x 10/100/100M Ethernet ports with PSE capabilities and 1x standard 10/100/100M Ethernet port

Key Differentiators

The GWN7624 is an in-wall Wi-Fi access point designed for small- to medium-sized businesses, offices, residential and commercial locations, hotels and more. It provides three Gigabit network ports to provide IP phones, IPTV, computers and similar devices with Ethernet while also providing uplink Gigabit network port with PoE/PoE+. The GWN7624 offers 2.4G 2x2:2, 5G 4x4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range.

Advanced Features

The GWN7624 comes equipped with the advanced performance-boosting features of our GWN access points.

- **Beamforming Technology:** AP detects wireless clients and focus signals towards them
- **PSE Network Ports:** Three network ports with 2 PSE- providing ports makes the GWN7624 an ideal deployment devices for hotel rooms, executive offices, and similar use cases
- **QoS Standards:** Prioritizes certain network traffic/devices so critical tasks don't compete for bandwidth, can be customized based on deployment
- **Captive Portals:** Wi-Fi clients attempting to access an SSID can be led to a customized landing with login features such as voucher authentication, password, social login, and more

Client Configuration

The way wireless clients access the internet through a GWN7624 can be highly customized based on AP or SSID.

- **Blacklist:** Prevents specific MAC addresses from connecting
- **Connection Time:** Enforce timeout of a connection and requires renewal
- **Wireless Client Limit:** Puts a cap on the maximum amount of wireless clients that can be connected to an SSID at a single time
- **Bandwidth Rules:** A variety of rules that restrict the bandwidth usage of client devices

Network Management

Choose between three ways to manage your wireless network with the GWN7624.

- **GWN.Cloud:** Grandstream's cloud-based Wi-Fi access point management platform. Configure, manage, and troubleshoot unlimited wireless deployments entirely from the cloud.
- **GWN Manager:** For deployments with higher security standards, the GWN Manager is a premise-based version of the GWN.Cloud
- **Built-in Controller:** The GWN7625 can manage up to 30 local GWN series access points



GWN In-Wall Wi-Fi Access Point

Presentation



Translations

[English \(PowerPoint\)](#)

[English \(PDF\)](#)

[Spanish \(PowerPoint\)](#)

[Spanish \(PDF\)](#)

GWN In-Wall Wi-Fi Access Point

Product Messaging - GWN7624

Tagline	In-Wall Wi-Fi Access Point		
Subhead	The GWN7624 is an in-wall Wi-Fi access point that includes three Gigabit network ports, 2 which provide PoE, to provide internet connections and power for devices such as IP phones, computers, TVs and more.		
Target Audience	Hotels, convention centers, small -to-medium sized businesses, offices, residential and commercial locations		
Product Description	The GWN7624 is an in-wall Wi-Fi access point designed for small -to-medium sized businesses, offices, residential and commercial locations, hotels and more. It provides three Gigabit network ports to provide IP phones, IPTV, computers and similar devices with Ethernet while also providing an uplink Gigabit network port with PoE/PoE+. The GWN7624 offers 2.4G 2x2:2, 5G 4x4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. This access point is designed to be mounted in-wall to provide a clean and professional installation that blends into the surrounding environment. To ensure easy installation and management, the GWN7624 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. The GWN7624 is also supported by GWN.Cloud and GWN Manager, Grandstream's free cloud and on-premise Wi-Fi management platform. It is the ideal Wi-Fi AP for voice-over-Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi capable IP phones. With support for advanced QoS, low-latency real-time applications, mesh networks, captive portals and 200 concurrent clients per AP, the GWN7624 is an ideal Wi-Fi access point for medium wireless network deployments with medium user density.		
Customer Challenges	A hotel needs a Wi-Fi access point to install in guest rooms that can provide strong in-room Wi-Fi access while also providing a connection and power for IP phones, TVs and other devices in the room.	An office needs an in-wall Wi-Fi AP for conference rooms and common areas that blends in with the environment while also powering TV monitors and phones nearby.	An apartment complex needs Wi-Fi APs to provide Wi-Fi access in common areas, gyms, lobbies, event rooms, staff offices, and more.
Customer Solutions	The GWN7624 is ideal for hotels as it offers a Wi-Fi AP that is built to be installed in-wall, providing a streamlined device that blends in with the environment. It also includes 3 Gigabit ethernet ports, 2 that provide PoE, to provide a connection and power to the room phone, television, and more.	The GWN7624 provides a sleek Wi-Fi AP that is installed in-wall to blend in perfectly in any common area, conference room, etc. By providing 2 Gigabit ports with PoE output, the GWN7624 can also provide power and internet connection for phones, TVs and similar devices in the area.	The GWN7624 is built to be installed in-wall to provide a sleek and seamless addition to any residential complex. The uplink port for the GWN7624 is located on the back of the device, which is not accessible when mounted in-wall to prevent tampering. The GWN7624 can also provide power and internet for phones or TV monitors nearby.

4x4:4 and 2x2:2 GWN Access Point GWN7624



In-Wall Access Point GWN7624

The GWN7624 is an in-wall Wi-Fi access point designed for small-to-medium sized businesses, offices, residential and commercial locations, hotels and more. It provides three Gigabit network ports to provide IP phones, IPTV, computers and similar devices with Ethernet while also providing and uplink Gigabit network port with PoE/PoE+. The GWN7624 offers 2.4G 2x2:2, 5G 4x4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. This access point is designed to be mounted in-wall to provide a clean and professional installation that blends into the surrounding environment. To ensure easy installation and management, the GWN7624 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. The GWN7624 is also supported by GWN.Cloud and GWN Manager, Grandstream's free cloud and on-premise Wi-Fi management platform. It is the ideal Wi-Fi AP for voice-over Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi capable IP phones. With support for advanced QoS, low-latency real-time applications, mesh networks, captive portals and 200 concurrent clients per AP, the GWN7624 is an ideal Wi-Fi access point for medium wireless network deployments with medium user density.



2.03 Gbps wireless throughput and 4x Gigabit wireline ports



5GHz 4x4:4 MU-MIMO



Supports up to 200 concurrent Wi-Fi client devices



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



Anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate/random default password per device



Self power adaptation upon auto detection of PoE or PoE+



Embedded controller manages up to 30 local GWN APs; GWN.Cloud offers unlimited AP management, & GWN Manager offers on-prem software AP management

www.grandstream.com

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac
Antennas	Two 5G & two double frequency internal antennas 2.4GHz, gain 3dBi; 5GHz, gain 5dBi
Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 1733 Mbps IEEE 802.11n: 6.5Mbps to 600Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 2.4G: 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> 2.4GHz Radio: 2412 ~ 2484 MHz 5GHz Radio: 5180 ~ 5825 MHz <i>*Not all frequency bands can be used in all regions</i>
Frequency Bands	2.4G: 20 and 40 MHz 5G: 20, 40 and 80 MHz
Channel Bandwidth	WEP, 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
Wi-Fi and System Security	2x2:2 2.4GHz(MIMO) 4x4:4 5GHz(MU-MIMO)
MIMO	Up to 100 meters <i>*coverage range can vary based on environment</i>
Coverage Range	2.4G: 23dBm 5G: 25dBm <i>*Maximum power varies by country, frequency band and MCS rate</i>
Maximum TX Power	5G 802.11a: -92dBm @6Mbps, -74dBm @54Mbps; 802.11n 20MHz: -74dBm @MCS7; 802.11n 40MHz: -71dBm @MCS7 802.11ac 20MHz: -67dBm @MCS8; 802.11ac HT40: -63dBm @MCS9; 802.11ac 80MHz: -59dBm @MCS9
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
SSIDs	16 SSIDs total, 8 per radio (2.4GHz & 5GHz)
Concurrent Clients	Up to 200
Network Interfaces	1x 10/100/1000M uplink Ethernet port with PoE/PoE+ 2x 10/100/1000M Ethernet port with PSE 1x 10/100/1000M Ethernet port
Auxiliary Ports	1x Reset Pinhole
Mounting	In-wall mountable
LEDs	In-color LED for device tracking and status indication
Network Protocols	IPv4, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
QoS	802.11e/WMM, VLAN, TOS
Network Management	Embedded controller can manage up to 30 local GWN APs GWN.Cloud offers a free cloud management platform for unlimited GWN APs GWN Manager offers premise-based software controller for up to 3,000 GWN APs
Power and Green Energy Efficiency	Support 802.3at PoE 802.3af/ 802.3at; PSE Maximum Output Per Port: 6W; Maximum Power Consumption: 25W
Environmental	Operation: -10°C to 50°C Storage: -30°C to 60°C Humidity: 5% to 95% Non-condensing
Physical	Unit Dimension: 135mm(L)x86mm(W)x38.5mm(H) Entire Package Dimension: 176mm(L)x118.5mm(W)x65mm(H)
Package Content	GWN7624 In-Wall Wireless AP, 4x Screws(KB 3.5*26), Quick Installation Guide
Compliance	FCC, CE, RCM, IC, UKCA

05.2022.02

Translations

[English](#)

[French](#)

[German](#)

[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

GWN In-Wall Wi-Fi Access Point

Social Graphics

Use the editable template to customize your own social image by adding your logo, or create your own using the elements provided below. Photoshop files as well as PNGs are provided for each product. For paid social promotion it is recommended to use social images with limited to no text.



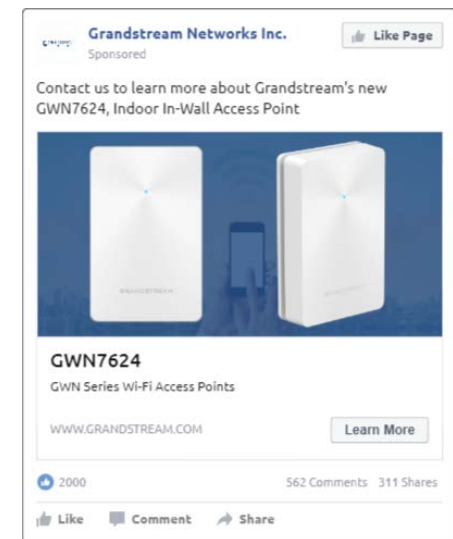
Social Image w/ Text

[GWN7624 \(PNG\)](#)
[GWN7624 \(PSD\)](#)



Social Image w/o Text

[GWN7624 \(PNG\)](#)
[GWN7624 \(PSD\)](#)



Suggested Social Post Copy

[GWN7624](#)

GWN In-Wall Wi-Fi Access Point

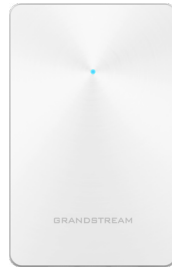
Marketing Assets - GWN7624

Product Images

GWN7624_1

GWN7624_2

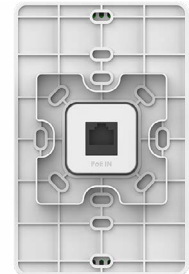
GWN7624_3



GWN7624_1



GWN7624_2



GWN7624_3

Feature Icons

Gigabit

4x4 MIMO

Devices

QoS

Security

PoE

Embedded Controller



Gigabit



4x4 MIMO



Devices



QoS



Security



PoE



Embedded Controller