



Partner Marketing Kit



GWN7605

Messaging Strategy

GWN7605

Tagline	Mid-Tier Wave-2 2x2:2 Wi-Fi Access Point
Subhead	<i>The GWN7605 is an affordable and scalable Wi-Fi solution for retail locations, restaurants, small offices and more.</i>
GWN7605 Positioning	The GWN7605 is an affordable 802.11ac Wave-2 Wi-Fi access point ideal for small to medium wireless network deployments with medium user density. It offers dual-band 2x2:2 MU-MIMO with beam-forming technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. It is the ideal access point for Wi-Fi voice and video deployments, and offers a seamless connection with Grandstream's Wi-Fi-capable voice and video IP phones. With support for advanced QoS, low-latency real-time applications, mesh networks, captive portals, 100+ concurrent clients per AP and dual Gigabit network ports with PoE/PoE+ the GWN7605 is ideal for deployments such as retail locations, restaurants, small offices and more.
Key Differentiators	<ul style="list-style-type: none">• 1.27Gbps aggregate wireless throughput and 2xGigabit wireline ports• Dual-band 2x2:2 MU-MIMO with beamforming technology• Self power adaptation upon auto detection of PoE/PoE+• Supports 100+ concurrent Wi-Fi client devices• Up to 165-meter coverage range• 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• Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management; GWN Manager offers premise-based software controller

[French](#)

[Italian](#)

[Polish](#)

[Spanish](#)

[German](#)

[Portuguese](#)









[Russian](#)

GWN7605 Datasheet



802.11ac Wave-2 2x2:2 Wi-Fi Access Point GWN7605

The GWN7605 is an affordable 802.11ac Wave-2 Wi-Fi access point ideal for small to medium wireless network deployments with medium user density. It offers dual-band 2x2:2 MU-MIMO with beam-forming technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7605 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. The GWN7605 is also supported by GWN.Cloud and GWN Manager, Grandstream's 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, 100+ concurrent clients per AP and dual Gigabit network ports with PoE/PoE+, the GWN7605 is a scalable Wi-Fi solution for deployments such as retail locations, restaurants, small offices and more.

 1.27Gbps aggregate wireless throughput and 2xGigabit wireline ports	 Dual-band 2x2:2 MU-MIMO with beamforming technology	 Self power adaptation upon auto detection of PoE/PoE+
 Supports 100+ concurrent Wi-Fi client devices	 Up to 165-meter coverage range	 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	 Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management; GWN Manager offers premise-based software controller	

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Wi-Fi Standards	IEEE 802.11a/b/g/n/ac (Wave-2)
Antennas	2 dual band internal antennas 2.4GHz, gain 3dBi 5 GHz, gain 3dBi
Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 867 Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 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>
Frequency Bands	2.4 GHz Radio: 2412 ~ 2484 MHz 5 GHz Radio: 5180-5825 MHz
Channel Bandwidth	2.4G: 20 and 40 MHz 5G: 20,40 and 80 MHz
Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES), anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
MIMO	2x2:2 2.4GHz (MIMO) 2x2:2 5GHz (MU-MIMO)
Coverage Range	Up to 165 meters <i>*coverage range can vary based on environment</i>
Maximum TX Power	5G:24dBm 2.4G:22dBm <i>*Maximum power varies by country, frequency band and MCS rate</i>
Receiver Sensitivity	2.4G 802.11b: -96dBm@1Mbps, -88dBm@11Mbps; 802.11g: -93dBm @5Mbps, -75dBm@54Mbps; 802.11n 20MHz: -75dBm @MCS7; 802.11n 40MHz: -70dBm @MCS7 5G 802.11a: -92dBm @6Mbps, -74dBm @54Mbps; 802.11ac 20MHz: -67dBm@MCS8; 802.11ac HT40: -63dBm @MCS9; 802.11ac 80MHz: -59dBm @MCS9
SSIDs	8 SSIDs per radio
Concurrent Clients	100+
Network Interfaces	2 x autosensing 10/100/1000 Base-T Ethernet Ports
Auxiliary Ports	1 x Reset Pinhole, 1 x Kensington lock
Mounting	Indoor wall or ceiling mount, kits included
LEDs	3 x tri-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 50 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	PoE 802.3af/ 802.3at Maximum Power Consumption:10.16W
Environmental	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Physical	Unit Dimension: 180.4mmx180.4mmx40.8mm; Unit Weight: 388.2g Entire Package Dimension: 228.5x220.79mm; Entire Package Weight: 719.3g
Package Content	GWN7605 802.11ac Wireless AP, Mounting Kits, Quick Start Guide
Compliance	FCC, CE, RCM, IC

www.grandstream.com

1.2020.03

Translations

[English](#)

[French](#)

[German](#)

[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

GWN7605 Sales Kit

The sales kit is a guide to everything you need to know about selling the GWN7605 Wi-Fi Access Point

The Sales Kit includes:

- Overview and Basics
- Key Differentiators
- Comparison vs. other Grandstream Models
- Competitive Comparison
- Deployment Scenarios
- Integration with other Grandstream Products

Translations

[English](#)

[Portuguese](#)

[Spanish](#)

GWN7605 - Sales Kit Overview and Basics



About the GWN7605

The GWN7605 is an affordable 802.11ac Wave-2 Wi-Fi access point ideal for small-to-medium wireless network deployments with medium user density. It offers dual-band 2x2:2 MU-MIMO with beam-forming technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. The GWN7605 is also supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform.

Product Positioning

The GWN7605 is an affordable, scalable Wi-Fi solution for retail locations, restaurants, small offices, and more that want to support 100+ clients within a 165-meter range. This simple solution supports a variety of advanced features including advanced QoS, support for low-latency real-time applications, mesh networks, captive portals, and dual Gigabit ports with PoE/PoE+.



Supports 100+ concurrent Wi-Fi client devices



Up to 165 meter coverage range



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

Competitive Features

- 1.27Gbps aggregate wireless throughput and 2xGigabit wireline ports
- Dual-band 2x2:2 MU-MIMO with beamforming technology
- Supports 100+ concurrent Wi-Fi client devices
- Up to 165-meter coverage range
- Self power adaptation upon auto-detection of PoE/PoE+
- Anti-hacking secure boot and critical data/control lockdown via digital signatures
- Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management; GWN Manager offers premise-based software controller

GWN7605 Key Technical Specifications

Wi-Fi Standards	IEEE 802.11a/b/g/n/ac (Wave-2)
Antennas	2 dual band internal antennas 2.4GHz: gain 3dBi, 5 GHz: gain 3dBi
Frequency Bands	2.4GHz radio: 2412 - 2484 GHz / 5GHz radio: 5180 - 5825 GHz
Coverage Range	Up to 165 meters <small>*coverage range can vary based on environment</small>
Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES), anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
Concurrent Clients	100+
Network Interfaces	2 x autosensing 10/100/1000 Base-T Ethernet Ports

GWN7605 Presentation



Translations

[English \(PowerPoint\)](#)

[English \(PDF\)](#)

[Portuguese \(PowerPoint\)](#)

[Portuguese \(PDF\)](#)

[Spanish \(PowerPoint\)](#)

[Spanish \(PDF\)](#)

GWN7605 Marketing Materials

Email

[GWN7605 Email Editable File \(InDesign\)](#)

[GWN7605 Email \(PDF\)](#)

[GWN7605 Email Copy \(Word\)](#)

[GWN7605 Verticals Image \(PNG\)](#)

[GWN7605 Email Banner \(PNG\)](#)

[GWN7605 Email Banner \(PSD\)](#)

Email Signature

[GWN7605 Email Signature Editable File \(PSD\)](#)

[GWN7605 Email Signature \(PNG\)](#)



Press Release

[Grandstream Releases a New Mid-Tier Wave-2 2x2:2 Wi-Fi AP](#)



New Product Launch!

Grandstream's New Mid-Tier Wave-2 2x2:2 Wi-Fi Access Point

The GWN7605 is an affordable and scalable Wi-Fi access point ideal for small to medium wireless network deployments with medium user density. It offers dual-band 2x2:2 MU-MIMO with beam-forming technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. It is the ideal access point for VoWi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi-capable voice and video IP phones. The GWN7605 is ideal for deployments such as retail locations, restaurants, small offices and more.

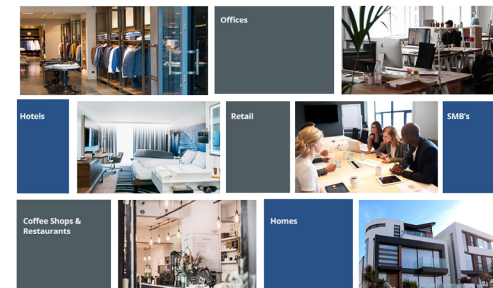
Key Technical Specifications



- 1.27Gbps aggregate wireless throughput and 2xGigabit wireline ports
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Deployment Scenarios



Contact Us to Learn More

List how your customers can contact you to learn more about this product

GWN7605 Digital Marketing - Social Template

Create your own Social Media Image

Use the editable template to customize your own social image, or create your own using the elements provided below. We recommend using the text provided in the messaging and strategy on pg.2.

Social Image w/ text Template:

[Editable Photoshop File](#)

[Social Image w/ text_English \(PNG\)](#)

Stock Photos (2 Options)

[Option 1](#)

[Option 2](#)

Icons (white):

[All 4 Icons](#)

[165 Meters](#)

[Gigabit](#)

[Security](#)

[2x2 MIMO](#)

[Wi-Fi](#)

Product Images

[GWN7605 Front](#)

[GWN7605 Right](#)

Logo (add your own or use Grandstream's)

[Logo_white](#)

[Logo_blue](#)

Official Grandstream Colors:

Deep Blue:



RGB: 42 / 83 / 137
#295288

Aqua Blue:



RGB: 70 / 168 / 202
#46A7C9

Grey:



RGB: 156 / 158 / 159
#9C9D9F

Orange (Secondary Color):



RGB: 255 / 83 / 13
#FF530D



Tagline
(from Messaging and Strategy on Pg.2)

Wi-Fi Icon

Icons

Subhead
(from Messaging and Strategy on Pg.2)

GWN7605 Digital Marketing - Social Paid / Cover Pho-

Paid Social Ad (no text)

[GWN7605 Social Image \(No Text\)](#)

[GWN7605 Social Image \(Limited Text\)](#)

Paid/Non-Paid Social Copy

[GWN7605 Suggested Social Copy](#)



Cover Photo

[Cover Photo Facebook \(PSD\)](#)

[Cover Photo Facebook \(PNG\)](#)



GWN7605 Digital Advertising - Banner Ads Template

What are Banner Ads?

Banner advertising is synonymous with display ads. They're placed in high-traffic locations on webpages, creating brand awareness and generating click-throughs, purchases, and leads. These high-visibility locations include the front, bottom, or the side of a webpage; places where the eyes of browsers usually wander.

See the next page for recommended sizing

Ad Banner 300x250

[Editable Photoshop File \(300x250 Sample\)](#)

[GWN7605 Ad Banner 300x250 English \(JPEG\)](#)

Icons:

[Wi-Fi_white](#)

[Wi-Fi_blue](#)

Product Images

[GWN7605 Front](#)

[GWN7605 Right](#)

Logo (add your own or use Grandstream's):

[Logo_white](#)

[Logo_blue](#)

Official Grandstream Colors:

Deep Blue:

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#295288

Aqua Blue:

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Grey:

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#9C9D9F

Orange (Secondary Color):

RGB: 255 / 83 / 13
#FF530D

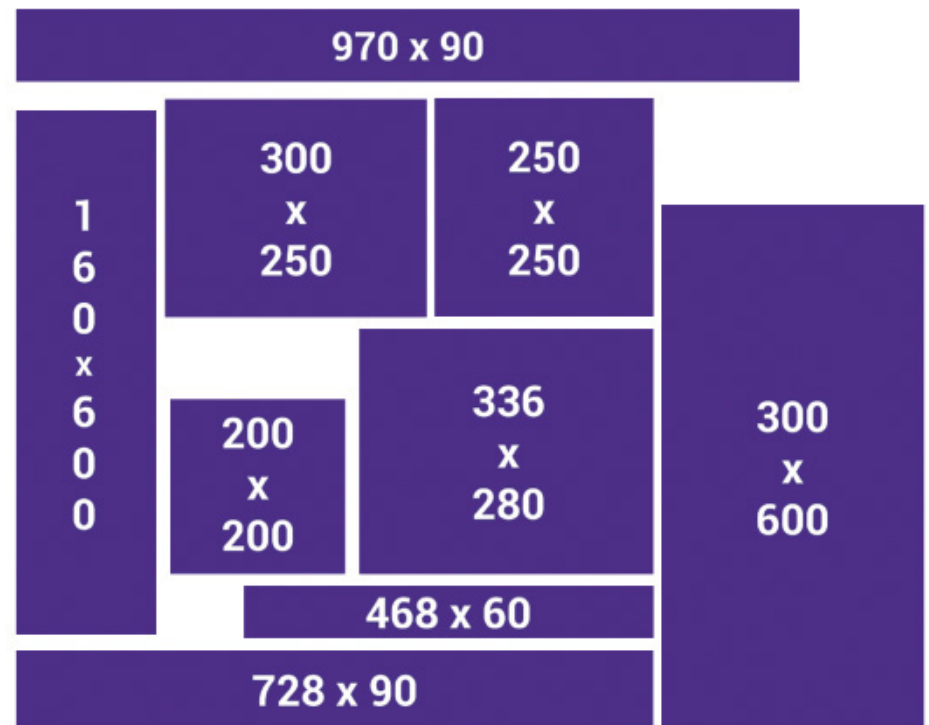


GWN7605 Digital Advertising - Banner Ads Sizing

Mobile: Common Ad Dimensions



Computer: Common Ad Dimensions



Marketing Assets

1. Product Images

- [GWN7605 Front](#)
- [GWN7605 Top Ceiling Mount](#)
- [GWN7605 Top](#)
- [GWN7605 Right](#)



Front



Top Ceiling Mount



Right

2. Datasheet Feature icons

- [165 Meters](#)
- [2x2 MIMO](#)
- [Gigabit](#)
- [PoE](#)
- [Devices](#)
- [QoS](#)
- [Security](#)
- [Network Management](#)



Devices



2x2MIMO



165 Meters



QoS