Partner Marketing Kit

GWN7602

Messaging Strategy

GWN7602

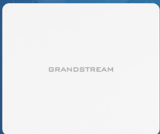|	
Tagline	Wi-Fi Access Point for Small Businesses
Subhead	*The GWN7602 is an 802.11ac wireless access point ideal for small sized businesses, homes, offices and hotels.*
Positioning	The GWN7602 is a compact Wi-Fi access point designed for small businesses, homes, offices, hotels and more. It provides three 100Mb ports to provide IP phones, IPTV, computers and similar devices with ethernet while also providing an uplink Gigabit network port with PoE/PoE+. The GWN7602 offers dual band 2x2:2 MIMO technology and a sophisticated antenna design for ideal network throughput that supports up to 80 clients and a 100 meter coverage range. To ensure installation and management, the GWN7602 is the ideal Wi-Fi AP for voice-over-Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi-capable voice and video IP phones. By including support for advanced QoS, low-latency real-time applications, mesh networks and captive portals, the GWN7602 is a wireless access point built for deployment scenarios with small to medium user density.
Key Differentiators	• 1.17Gbps aggregate wireless throughput, 1x Gigabit and 3x 100Mbit wireline speed • Up to 100 meters coverage range • Self power adaptation upon auto detection of PoE/PoE+ and PSE • Anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate/ random default password per device • Support up to 80 Wi-Fi client devices • Advanced QoS to ensure real-time performance of low-latency applications

French   Italian   Portuguese   Spanish

German   Polish   Russian

GWN7602 Datasheet

Wi-Fi AP with Integrated Ethernet Switch
GWN7602

The GWN7602 is a compact Wi-Fi access point designed for small businesses, homes, offices, hotels and more. It provides three 100Mb ports to provide IP phones, IPTV, computers and similar devices with ethernet while also providing an uplink Gigabit network port with PoE/PoE+ and PSE. The GWN7602 offers dual band 2x2:2 MIMO technology and a sophisticated antenna design for ideal network throughput that supports up to 80 clients and a 100 meter coverage range. To ensure easy installation and management, the GWN7602 is supported by GWN.Cloud, Grandstream's free cloud Wi-Fi management platform. The GWN7602 is the ideal Wi-Fi AP for voice-over-Wi-Fi deployments and offers a seamless connection with Grandstream's Wi-Fi-capable voice and video IP phones. By including support for advanced QoS, low-latency real-time applications, mesh networks and captive portals, the GWN7602 is a wireless access point built for deployment scenarios with small to medium user density.

Gigabit
1.17Gbps aggregate wireless throughput, 1x Gigabit and 3x 100Mbit wireline speed

100 meters
Up to 100 meters coverage range

PoE
Self power adaptation upon auto detection of PoE/PoE+ and PSE

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

Support up to 80 Wi-Fi client devices

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

Wi-Fi Standards	IEEE 802.11a/b/g/n/ac
Antennas	2 dual band internal antennas. Antenna 1 - 2.4GHz: gain 3.0dBi, 5GHz: gain 3.5dBi Antenna 2 - 2.4GHz: gain 3.5dBi, 5GHz: gain 3.0dBi
Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 867Mbps 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, 11Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps *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
Frequency Bands	2.4 GHz Radio: 2412 – 2484 MHz 5 GHz Radio: 5150-5250 MHz, 5250-5350 MHz, 5470-5725 MHz, 5725-5850 MHz *Not all frequency bands can be used in all regions. The band 5150-5350 MHz is restricted to indoor use only in all EU states.
Channel Bandwidth	2.4G: 20 and 40MHz 5G: 20, 40, 80MHz
System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise
Mesh	5G radio
Coverage Range	Up to 100 meters *Coverage range can vary based on environment
Maximum TX Power	2.4G: 21 dBm 5G: 21 dBm *Maximum power varies by country, frequency band, and MCS rate
Receiver Sensitivity	**2.4G** 802.11b:-96dBm@1Mbps,-88dBm@11Mbps;802.11g:-93dBm@6Mbps, -76dm@54Mbps; 802.11n20MHz:-92dBm@MCS0,-73dBm@MCS7;802.11n40MHz: -88.5dBm@MCS0,-71dBm@MCS7 **5G** 802.11a: -91dBm@6Mbps, -73.5dBm@54Mbps; 802.11ac:VHT20: -89.5dbm@MCS0, -71.5dBm@MCS7, -64dBm@MCS8; VHT40: -87.5dBm@MCS0; -69.5dBm@MCS7, -62dBm@MCS9, VHT80:-83.5dBm@MCS0, -65.5dBm@MCS7, -58.5dBm@MCS9
SSIDs	4 SSID per radio
Concurrent Clients	Up to 80
Network Interfaces	1 x 10/100/1000M uplink Ethernet port with POE/POE+ 2 x 10/100M Ethernet port with PSE 1 x 10/100M Ethernet port
Auxiliary Ports	1x Reset Pinhole
Mounting	Wall mountable
LEDs	1x tri-color LEDs 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	GWN.Cloud offers a free cloud management platform for unlimited GWN APs GWN.Manager (coming soon) offers premise-based software controller for up to 3,000 GWN APs
Power and Green Energy Efficiency	Support 802.3 az; PoE 802.3af/ 802.3at PSE max output per port: 6W; Max Consumption: 20 W
Environmental	Operation: 0°C to 40°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Physical	Unit Dimension:135 x 115 x 30mm; Unit Weight: 188g Entire Package Dimension: 171 x 140 x 33mm; Entire Package Weight: 278.5g
Package Content	GWN7602 802.11ac Wireless AP, Quick Start Guide
Compliance	FCC, CE, RCM, IC

11.2019.3

www.grandstream.com

www.grandstream.com

Translations

English

French

German

Italian

Polish

Portuguese

Russian

Spanish

GWN7602 Sell Sheet

GWN7602
Wi-Fi AP with Integrated Ethernet Switch

About the GWN7602

The GWN7602 is an 802.11ac wireless access point. It offers dual-band 2x2:2 technology and a sophisticated antenna design for ideal network throughput and Wi-Fi coverage range. Three 100M Ports provide IP Phones, IPTV, PC, etc. with Ethernet, and an uplink Gigabit network port with PoE/PoE+and PSE facilitates Wi-Fi networks.

Product Positioning

With support for advanced QoS, low-latency real-time applications, up to 80 client devices, combining with the features of Mesh and Captive Portal, the GWN7602 is an ideal wireless access point for small sized businesses, coffee shops, restaurants, and hotel deployments.

Competitive Features

- 1.17 Gbps aggregate wireless throughput, 1x Gigabit and 3x 100MB wireline speed
- Up to 100 meters coverage range
- Self power adaptation upon auto-detection of PoE/PoE+ and PSE
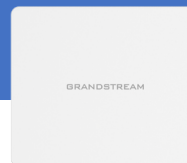- Supports up to 80 concurrent Wi-Fi client devices
- Anti-hacking secure boot and critical data/control lockdown via digital signatures
- Advanced QoS to ensure real-time performance of low-latency applications
- GWN.Cloud for a free cloud management platform

100 meters
Up to 100 meter coverage range

Supports 80 concurrent Wi-Fi client devices

PoE
Self power adaptation upon auto-detection of PoE/PoE+ and PSE

GWN7602 Key Technical Specifications

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac
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 100 meters *coverage range can vary based on environment
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	Up to 80
Network Interfaces	1x 10/100/1000M uplink Ethernet port with PoE/PoE+, 2x 10/100M Ethernet port with PSE, 1x 10/100M Ethernet port

Translations

English

French

German

Italian

Polish

Portuguese

Russian

Spanish

GWN7602 Battle Cards

GWN7602
Wi-Fi AP with Integrated Ethernet Switch

The GWN7602 is an 802.11ac wireless access point. It offers dual-band 2x2:2 technology and a sophisticated antenna design for ideal network throughput and Wi-Fi coverage range. Three 100M Ports provide IP Phones, IPTV, PC, etc. with Ethernet, and an uplink Gigabit network port with PoE/PoE+ and PSE facilitates Wi-Fi networks.

Competitive Features
- 1.17Gbps aggregate wireless throughput, 1x Gigabit and 3x100 MB wireline speed
- Up to 100 meters coverage range
- Self power adaptation upon auto detection of PoE/PoE+ and PSE
- Support up to 80 Wi-Fi client devices
- 4 SSID per radio

Support for up to 80 concurrent devices

2x2 technology

Up to 100 meters coverage range

Translations

English

	GWN7602	Ubiquiti Unifi UAP-AC-Pro	Linksys Business AC1200
Wi-Fi Standards	IEEE 802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11ac Wave 2 (Wi-Fi 5)
Antennas	2 dual band internal antennas	3 internal	4 Internal
Coverage Range	Up to 100 meters *Coverage range can vary based on environment	Up to 100 meters *Coverage range can vary based on environment	Up to 100 meters *Coverage range can vary based on environment
SSIDs	4 SSID per radio		
Concurrent Clients	Up to 80	200+	
Network Interfaces	1 x 10/100/1000M uplink Ethernet port with POE/POE+ 2 x 10/100M Ethernet port with PSE 1 x 10/100M Ethernet port	2 x 1000Base-T (PoE+) RJ-45	RJ-45
Auxiliary Ports	1× Reset Pinhole		1x Gigabit Ethernet, configurable as 1x LAN
LEDs	1× tri-color LED for device tracking and status indication	Status Indicators	Status Indicators

GWN7602 Ready-Made Campaign

Email

GWN7602 Email (PDF)
GWN7602 Email (InDesign)
GWN7602 Email Banner (PNG)
GWN7602 Deployments Image (PNG)
Email Text Copy

Press Release

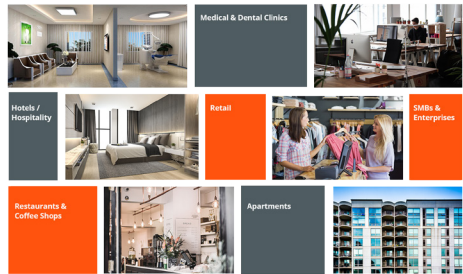Grandstream Releases a New Wi-Fi AP with Integrated Ethernet Switch (Word)

New Product Launch!
Grandstream's New Wi-Fi Access Point with Integrated Ethernet Switch

The GWN7602 is a compact Wi-Fi access point ideal for small businesses, homes, offices, hotels and more. This device offers dual band 2x2:2 MU-MIMO technology and a sophisticated antenna design for ideal network throughput that supports up to 80 clients and a 100 meter coverage range.

Key Technical Specifications

- 1.17Gbps aggregate wireless throughput, 1x Gigabit and 3x 100Mbit wireline speed
- Up to 100 meters coverage range
- Self power adaptation upon auto detection of PoE/PoE+ and PSE
- Support 80 concurrent Wi-Fi client devices
- Up to 175-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

Deployment Scenarios

Contact Us to Learn More

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

GWN7602 Ready-Made Campaign

Social

Paid Social Ad (limited or no text)

GWN7602 Social Image_limited text
GWN7602 Social Image_no text

Non-Paid (w/text)

GWN7602 Social Image_English
GWN7602 Social Image_French
GWN7602 Social Image_German
GWN7602 Social Image_Italian
GWN7602_Social Image_Polish
GWN7602 Social Image_Portuguese
GWN7602 Social Image_Russian
GWN7602 Social Image_Spanish

Suggested Social Post Copy
For paid and non-paid posts

GWN7602_Social_Copy

Non-Paid

Paid

GWN7602 Ready-Made Campaign

Ad Banners

English
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

French
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

German
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

Italian
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

Polish
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

Portuguese
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

Russian
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

Spanish
GWN7602 Banner_300_250
GWN7602 Banner_300_600
GWN7602 Banner_728_90

GWN7602 PowerPoint Presentation

Use this PowerPoint presentation to provide a detailed overview of the new Wi-Fi access point with an integrated Ethernet switch . This overview presentation covers technical specifications and deployment scenarios.

Translations

English (PowerPoint)

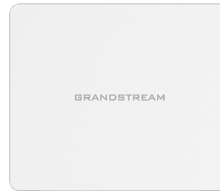English (PDF)

GWN7602

Wi-Fi AP with Integrated Ethernet Switch

Marketing Assets

1. Product Images
- front
- back
- right

2. Datasheet Feature icons
- Gigabit
- QoS
- Devices
- 100 meters
- Security
- PoE

Front

Right Angle

Back

Devices

Gigabit

100 meters

QoS