Partner Marketing Kit

GWN7630 - June 2019

Agenda

About the **GWN7630**

The GWN7630 is a high-performance 802.11ac Wave-2 Wi-Fi access point for small to medium sized businesses, multiple floor offices, commercial locations and branch offices. It offers dual-band 4×4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7630 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. The GWN7630 is also supported by GWN.Cloud, Grandstream's free cloud 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, 200+ concurrent clients per AP and dual Gigabit network ports with PoE/PoE+, the GWN7630 is an ideal Wi-Fi access point for medium wireless network deployments with medium-to- high user density.

Messaging Strategy

GWN7630

Tagline	802.11ac Wave-2 4×4:4 Enterprise Wi-Fi Access Point
Subhead	*The GWN7630 is a high-performance 802.11ac Wave-2 Wi-Fi access point for small to medium sized businesses.*
Positioning	The GWN7630 is a high-performance 802.11ac Wave-2 Wi-Fi access point for small to medium sized businesses, multiple floor offices, commercial locations and branch offices. It offers dual-band 4×4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range.
Key Differentiators	• 2.33 Gbps wireless throughput and 2Gigabit wireline ports • Dual-band 4×4:4 MU-MIMO technology • Self power adaptation upon auto detection of PoE or PoE+ • Support 200+ 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

GWN7630 Series Datasheet

802.11ac Wave-2 4×4:4 Enterprise Wi-Fi Access Point
GWN7630

The GWN7630 is a high-performance 802.11ac Wave-2 Wi-Fi access point for small to medium sized businesses, multiple floor offices, commercial locations and branch offices. It offers dual-band 4×4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7630 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface. The GWN7630 is also supported by GWN.Cloud, Grandstream's free cloud 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, 200+ concurrent clients per AP and dual Gigabit network ports with PoE/PoE+, the GWN7630 is an ideal Wi-Fi access point for medium wireless network deployments with medium-to-high user density.

Gigabit 2.33 Gbps wireless throughput and 2 Gigabit wireline ports	**4x4 MIMO** Dual-band 4×4:4 MU-MIMO technology	**PoE** Self power adaptation upon auto detection of PoE or PoE+
Support 200+ concurrent Wi-Fi client devices	**175 meters** Up to 175-meter coverage range	**QoS** 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	

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac (Wave-2)
Antennas	4 dual band internal antennas 2.4GHz, gain 4dBi 5 GHz, gain 5dBi
Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 1733Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n: 6.5Mbps to 600Mbps IEEE 802.11b: 1, 2, 5.5, 11 Mbps 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	2.4GHz radio: 2412 - 2484 MHz 5GHz 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, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device
MIMO	4×4:4 2.4G(MIMO) 4×4:4 5G(MU-MIMO)
Coverage Range	Up to 175 meters *coverage range can vary based on environment*
Maximum TX Power	2.4G: 27 dBm 5G: 25 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, -75dBm@54Mbps; 802.11n 20MHz: -73dBm @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	15 SSIDs per access point
Concurrent Clients	200+
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports
Auxiliary Ports	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, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM
QoS	802.11e/WMM, VLAN, TOS
Network Management	≤ 50 APs: Light-weight Master in AP ≥ 50 APs: Cloud management (GWN.Cloud)
Power and Green Energy Efficiency	Support 802.3 az ; POE 802.3af/ 802.3at; Max Consumption: 16.5W
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: 590g Unit + Mounting Kits Dimension : 205.3 x 205.3 x 50.9mm; Unit + Mounting Kits Weight : 710g Entire Package Dimension: 258 x 247 x 86mm; Entire Package Weight: 930g
Package Content	GWN7630 802.11ac Wave-2 Wireless AP, Mounting Kits, Quick Start Guide
Compliance	FCC, CE, RCM, IC

Translations

[English](#)

GWN7630 Series Sell Sheet

GWN7630
802.11ac Wave-2 4×4:4 Enterprise Wi-Fi Access Point

About the GWN7630

The GWN7630 is a high-performance 802.11ac Wave-2 Wi-Fi access point offering dual-band 4×4:4 MU-MIMO technology and a sophisticated antenna design for maximum network throughput and expanded Wi-Fi coverage range. To ensure easy installation and management, the GWN7630 uses a controller-less distributed network management design in which the controller is embedded within the product's web user interface.

Product Positioning

The GWN7630 access point includes support for 200+ concurrent clients, making this the ideal solution for small to medium sized businesses, multiple floor offices, commercial locations and branch offices.

Up to 175 meter coverage range

Dual-band 4x4:4 MU-MIMO technology

Supports 200+ concurrent Wi-Fi client devices

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

Competitive Features

- 2.33 Gbps wireless throughput and 2 Gigabit wireline ports
- Dual-band 4x4:4 MU-MIMO technology
- Self power adaptation upon auto-detection of PoE or PoE+
- Supports 200+ concurrent Wi-Fi client devices
- Up to 175-meter coverage range
- Anti-hacking secure boot and critical data/control lockdown via digital signatures
- Embedded controller can manage up to 50 local GWN series APs

GWN7630 Key Technical Specifications

Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac (Wave-2)
Antennas	4 dual band internal antennas, beamforming support 2.4GHz, gain 4dBi, 5 GHz, gain 5dBi
Frequency Bands	2.4GHz radio: 2412 - 2484 GHz / 5GHz radio: 5180 - 5825 GHz
Coverage Range	Up to 175 meters *coverage range can vary based on environment
WiFi 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	2x autosensing 10/100/1000 Base-T Ethernet Ports

GWN7630 Battle Card

GWN7630
802.11ac Wave-2 4×4:4 Enterprise Wi-Fi Access Point

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Competitive Features:
- 2.33 Gbps wireless throughput and 2 Gigabit ports
- Dual-band 4x4:4 MU-MIMO technology
- Supports 200+ concurrent Wi-Fi client devices
- Up to 175 meter coverage range
- Advanced QoS to ensure real-time performance

175 meters
Up to 175 meter coverage range

Supports 200+ concurrent clients

Embedded controller to manage up to 50 APs

Anti-hacking secure boot and critical data/control lockdown

	GWN7630	Unifi UAP AC Pro	Ruckus R510
Embedded Controller	Yes	No	Yes
Wi-Fi Standards	802.11ac Wave-2	802.11 a/b/g/n/ ac	802.11 a/b/g/n/ ac
Wi-Fi & 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	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/ AES)	WPA-PSK, WPA-TKIP, WPA2 AES, 802.11i Authentication via 802.1X with ZoneDirector, local authentication database, support for RADIUS, LDAP, and Active Directory
2.4G Throughput	4x4:4 MU-MIMO technology	3x3 MIMO	2x2 MIMO
Radio Chains and Streams	4x4:4	3x3:3	2x2:2
Range	Up to 175 meters	Up to 50 meters	Up to 100 meters
Simultaneous Client Devices	200+	250+	500+
QoS	Advanced QoS to ensure real-time performance of low-latency applications	Advanced QoS per-user rate limiting	QoS based scheduling, directed multicast
Power	Self power adaptation upon auto-detection of PoE or PoE+	UniFi Switch (PoE)	802.3af, DC Input 12VDC 10A

GWN7630 Series Ready-Made Campaign

Images
Image Option 1 (PSD)
Image Option 1 w logo (PNG)
Image Option 1 no logo (PNG)

Image Option 2 (PSD)
Image Option 2 w logo (PNG)
Image Option 2 no logo (PNG)

Image Option 1

Email
GWN Email (PDF)
GWN Email (InDesign)
GWN Email Text (Word)
Deployments Image (PNG)

Press Release
Grandstream Expands Networking Solutions Portfolio with addition of a New Enterprise Wi-Fi Access Point (Word)

Image Option 2

Social Text Suggestions
Social Text Suggestions (Word)

GWN7630 Series PowerPoint Presentation

Use this PowerPoint presentation to provide a detailed overview of the new WiFi Access Point from Grandstream. This presentation covers: features, technical specifications, and deployment scenarios, and more.

Translations

[English (PPTX)](#)

[English (PDF)](#)

GWN7630

Enterprise WiFi Access Point

GRANDSTREAM
CONNECTING THE WORLD

Marketing Assets

1. Product Images
   - Front
   - Side
   - Specs

2. Datasheet Feature icons
   - Gigabit
   - Security
   - 175 Meters
   - 4x4 MIMO
   - PoE
   - Embedded Controller
   - Concurrent Devices
   - QoS