

GS-GWN7660EM

Grandstream Enterprise WiFi 6 Pluggable Indoor Access Point

Product Overview

Grandstream Enterprise WiFi 6 pluggable Indoor Access Point, GWN7660E, Up to 256 Client devices, 573.5 Mbps @ 2.4GHz Throughput, 2.4Gbps @ 5GHz Throughput, Up to 175 meters range, 1x Gigabit Ethernet Port, Supports PoE, 5 Individual internal antennas, 2x2:2 MU-MIMO on 2.4GHz, 3x3:2 MU-MIMO on 5GHz



Specifications

Overview Summary:

The Grandstream GWN7660E Wi-Fi 6 Access Point is engineered to deliver superior connectivity for businesses in need of high-performance network solutions. Offering dual-band support with up to 3Gbps throughput, it supports up to 256 concurrent client devices, making it perfect for high-density environments. With a coverage range of 175 meters, the GWN7660E ensures reliable Wi-Fi across large spaces, from office buildings to retail stores. Its easy deployment options include PoE support, simplifying installation without the need for additional power adapters. With advanced security features such as secure boot and digital signatures, businesses can trust that their networks are protected against unauthorized access. For reliable, secure, and efficient network management, the Grandstream GWN7660E is the ideal choice. Shop now to enhance your business connectivity!

Performance tier:Enterprise-level performance

Uses:High-density environments, large office spaces, retail settings, video conferencing, VoIP, online collaboration

Overview:

Grandstream GWN7660E Wi-Fi 6 Indoor Access Point: High-Performance Connectivity for Businesses

The Grandstream GWN7660E is an advanced Wi-Fi 6 indoor access point designed for high-density environments, offering robust performance and exceptional coverage. Equipped with the latest 802.11ax (Wi-Fi 6) technology, it delivers up to 3Gbps aggregate throughput across both the 2.4GHz and 5GHz bands. Ideal for businesses seeking reliable and low-latency connectivity, the GWN7660E supports up to 256 concurrent clients and features a coverage range of up to 175 meters. With its built-in controller and flexible management options, this access point is perfect for enterprises of all sizes.

Product Summary

The Grandstream GWN7660E provides enterprise-level performance with dual-band MU-MIMO technology. It supports 2x2:2 MU-MIMO on the 2.4GHz band and 3x3:2 MU-MIMO on the 5GHz band, ensuring seamless communication across a wide range of devices. It also includes advanced Quality of Service (QoS) to prioritize important network traffic, making it suitable for both business and high-demand environments. The device is also equipped with a built-in controller that can manage up to 50 access points, offering centralized management through both cloud-based and on-premise platforms. Security is a key focus, with features such as secure boot and digital signatures to protect against potential threats.

Features:

Key Benefits of the GWN7660E Wi-Fi 6 Access Point

- **High Throughput for Demanding Applications:** With 3Gbps total throughput, the GWN7660E supports high-performance applications such as video conferencing, VoIP, and online collaboration.
- **Broad Coverage Range:** It provides an impressive range of up to 175 meters, ensuring reliable connectivity throughout larger office spaces or complex layouts.
- **Supports a Large Number of Devices:** Capable of handling up to 256 concurrent client devices, it is perfect for businesses with heavy device usage or high-density environments.
- **Effortless Network Management:** The built-in controller simplifies network management, allowing for the control of up to 50 access points. Additionally, cloud-based and on-premise management options are available for flexible deployment.
- **Enhanced Security:** The GWN7660E comes with secure boot, digital signatures, and unique device certificates, ensuring that your network remains protected from unauthorized access.

Advanced Wi-Fi 6 Technology for Improved Performance

The GWN7660E uses 802.11ax Wi-Fi 6 technology, ensuring better performance in high-density settings. It utilizes MU-MIMO (multi-user, multiple-input, multiple-output) for simultaneous communication with multiple devices, reducing latency and improving overall throughput. This is especially useful in environments with numerous devices connected to the network, such as offices, retail spaces, or schools.

Comprehensive Network Management Options

This Wi-Fi 6 access point offers multiple management options, including a built-in controller that supports up to 50 access points. Businesses can also choose between free cloud management or on-premise management via GDMS (Grandstream Device Management System) for full control over their network. The GWN Manager provides a local software solution for those who prefer on-site control.

Designed for High-Density Environments

Whether you're managing a small office or a large corporate building, the GWN7660E is engineered to handle the needs of high-density environments. Its range of up to 175 meters ensures coverage across multiple floors or large rooms, while its support for up to 256 devices at once makes it a great choice for environments with heavy device traffic.

Secure and Reliable Connectivity

In addition to its high-performance features, the GWN7660E offers robust security measures, including anti-hacking secure

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Product Specification Sheet

boot and digital signatures to safeguard the device and network from unauthorized access. With features like self-adapting power over Ethernet (PoE) support and a unique security certificate for each device, the GWN7660E ensures your network is both secure and reliable.

Flexible Installation and Power Options

The GWN7660E supports both PoE (Power over Ethernet) and PoE+ for simplified installation. Its self-power adaptation capability detects whether PoE or PoE+ is available, making it easier to deploy in different settings without the need for additional power adapters.

Why Choose the Grandstream GWN7660E

The GWN7660E is a top-tier solution for businesses seeking a high-performance Wi-Fi access point that delivers speed, coverage, and reliability. Its advanced Wi-Fi 6 technology, extensive device support, and flexible management options make it an excellent choice for high-density environments where performance is key. Additionally, its built-in security features ensure that your network remains protected, while the PoE compatibility and easy installation make it simple to deploy and manage.

Key Highlights:

- Dual-band 2x2:2 MU-MIMO (2.4GHz) and 3x3:2 MU-MIMO (5GHz)
- 3Gbps total throughput
- Up to 256 concurrent client devices supported
- Coverage range up to 175 meters
- Built-in controller with management for up to 50 access points
- Advanced QoS for prioritizing critical network traffic
- Secure boot, digital signatures, and unique device certificates for enhanced security
- Supports both cloud-based and on-premise management options
- PoE and PoE+ support for easy installation and flexible deployment

Specifications:

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Specifications

Product Code	GS-GWN7660EM
Client Devices	Up to 256
2.4G Throughput	573.5Mbps (2x2:2 MU-MIMO)
5G Throughput	2.4Gbps (3x3:2 MU-MIMO)
6G Throughput	N/A
Range	Up to 175 Meters
Network Interfaces	1x autosensing 10/100/1000 Base-T Ethernet Port
PoE/PoE+	Supports PoE 802.3af / 802.3at , Maximum Power Consumption: 12.95W
Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax
SSIDs	32 SSIDs total, 16 per radio
Antennas	5 individual internal antennas

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Product Specification Sheet

Wi-Fi and Security Systems	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
Dimensions	180.4mm x 180.4mm x 40.8mm
Mounting	Indoor wall mount or ceiling mount

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/GS-GWN7660EM-Grandstream-Enterprise-WiFi-6-Pluggable-Buy-p-331296.php>

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