



Product Name: Grandstream GWN7660LR Wi-Fi 6 Long Range Access Point

Manufacturer: Grandstream Model Number: GWN7660LR

Please Note: This product is not available at the moment. For an alternative, please see the other Grandstream GWN7630LR Outdoor Long-Range WiFi Access Point.

Grandstream GWN7660LR Wi-Fi 6 Long Range Access Point

The Grandstream GWN7660LR is a long-range 802.11ax Wi-Fi 6 access point designed to provide next generation network coverage for indoor and outdoor environments. It offers IP66 weatherproof certified casing, dual-band 2x2:2 MU-MIMO technology and a sophisticated antenna design for extended coverage range of up to 250 meters.

- าั¿½ 1.77Gbps aggregate wireless throughput and 2x Gigabit Ethernet ports
- าั¿½ Dual-band 2×2:2 MU- MIMO with DL/UL OFDMA technology
- ī సైస్ట్ Self power adaptation upon auto detection of PoE or PoE+
- � Support 256+ concurrent Wi-Fi client devices
- ï¿1/2 Up to 250-meter coverage range
- Ti21/2 Advanced QoS to ensure real-time performance of low-latency applications
- រ៉េ្ស Anti-hacking secure boot and critical data/control lockdown
- าัง. Flexibility of 2 detachable/changeable antennas for different application scenarios
- � Embedded controller manages up to 50 local GWN APs; GWN.Cloud offers unlimited AP management, & DWN Manager offers on-premise software AP management

The GWN7660LR is supported by GWN.Cloud and GWN Manager, Grandstream's cloud and on-premise Wi-Fi management platform that and makes managing your network or several networks across multiple locations easier than ever before. It also uses a controllerless network management architecture in which the controller is embedded within the product's web user interface for easy administration of locally deployed Wi-Fi APs.

The GWN7660LR is the ideal Wi-Fi AP for voice-over-Wi-Fi deployment 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 and dual Gigabit networks ports with PoE/PoE+; the GWN7660LR is an ideal outdoor Wi-Fi access point for enterprises, multiple floor offices, warehouses, parks, hospitals, schools and more.

Grandstream GWN7660LR Key Features

Grandstream GWN7660 Technical Specification

WiFi Standards

ï¿1/2 IEEE 802.11 a/b/g/n/ac/ax

Antennas

� 2 dual band internal antennas � 2.4GHz, gain 3dBi / 5 GHz, gain 4dBi

WiFi Data Rates



ī¿½ *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: 2400-2483.5MHz � 5GHz radio: 5150-5850MHz

Channel Bandwidth

� 2.4G: 20 and 40 MHz � 5G: 20, 40 and 80 MHz

WiFi and System Security

� 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

MIMO

� 2x2:2 2.4GHz � 2x2:2 5GHz

Coverage Range

� Up to 250 meters

� *coverage range can vary based on the environment

Maximum TX Power

� 5G: 26dBm � 2.4G: 30dBm

ī¿½ *Maximum power varies by country, frequency band and MCS rate

Receiver Sensitivity

� 2.4G:- 802.11b: -99dBm@1Mbps, -90dBm@11Mbps; - 802.11g: -93dBm @6Mbps, -77dBm@54Mbps; - 802.11n 20MHz: -74dBm @MCS7; 802.11n 40MHz:-72dBm @MCS7; - 802.11ax 20MHz: -64dBm @ MCS11; 802.11ax 40MHz: -62dBm @MCS11 � 5G:- 802.11a: -95dBm @6Mbps, -77dBm @54Mbps; - 802.11ac 20MHz: -71dBm@MCS8; 802.11ac: HT40:- 67dBm @MCS9; 802.11ac 80MHz: -64dBm @ MCS9; - 802.11ax 20MHz: -63dBm @ MCS11; 802.11ax 40MHz: -62dBm @MCS11; 802.11ax 80MHz: -58dBm @MCS11

SSIDs

� 32 SSIDs total, 16 per radio (2.4ghz and 5 ghz)

Concurrent clients

� 256+

Network Interfaces



า๊¿½ 2x autosensing 10/100/1000 Base-T Ethernet Ports

Auxiliary Ports

� 1x Reset Pinhole

Mounting

� Outdoor wall mount or pole mount, kits included

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

ï¿1/2 802.11e/WMM, VLAN, TOS

Network Management

12.1/2 Embedded controller can manage up to 50 local GWN APs

� GWN.Cloud offers a free cloud management platform for unlimited GWN APs

ī¿½ 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: 12.9W

Environmental

ī¿½ Operation: -30°C to 60°C ī¿½ Storage: -30°C to 70°C ī¿½ Humidity: 5% to 95% Non-condensing

Physical

� Unit Dimension: 358.3mmx115mmx45.3mm; Unit Weight: 695g

าั¿½ Entire Package Dimension: 275x185.5x89mm; Entire Package Weight: 995g

Package Content

آزار GWN7660LR 802.11ax Wireless AP, Mounting Kits, Quick Start Guide

Compliance

� FCC, CE, RCM, IC

Price: \$120.67

