

## Grandstream GWN7603 802.11ac Wave-2 Wi-Fi Access Point (GWN7603)



Product Name: Grandstream GWN7603 802.11ac Wave-2 Wi-Fi Access Point (GWN7603)

Manufacturer: Grandstream

Model Number: GWN7603

### Grandstream GWN7603 802.11ac Wave-2 Wi-Fi Access Point (GWN7603)

The Grandstream GWN7603 is a compact Wi-Fi access point designed for small businesses, hotels and home offices. It provides versatility through four Gigabit Ethernet ports, including one uplink port that can receive PoE/PoE+ to power the access point, and two ports with PSE that can provide PoE and a network connection to other devices. The GWN7603 offers dual-band 2x2:2 MU-MIMO technology and a sophisticated antenna design to support 100+ concurrent clients and up to 100-metre coverage range. The GWN7603 delivers 1.27 Gbps aggregate wireless throughput and supports advanced QoS for low-latency real-time applications, mesh networks and captive portals. It can be easily installed and managed using GDMS Networking (cloud) and GWN Manager (on-premise), with the embedded controller capable of managing up to 50 local GWN APs locally. Security features include WPA3, anti-hacking secure boot, critical data/control lockdown via digital signatures, unique security certificates and a random default password per device. Grandstream GWN7603 Technical Specifications:

#### Radio

• Wi-Fi standards: IEEE 802.11a/b/g/n/ac (Wave-2)

• MU-MIMO: 2x2:2 2.4GHz, 2x2:2 5GHz

• Antennas: 2 dual-band internal antennas; Antenna 1 – 2.4GHz: 3.0 dBi, 5GHz: 3.5 dBi; Antenna 2 – 2.4GHz: 3.5 dBi, 5GHz: 3.0 dBi

• Frequency bands: 2.4GHz 2412–2484 MHz; 5GHz 5150–5250 MHz, 5250–5350 MHz, 5470–5725 MHz, 5725–5850 MHz

• Channel bandwidth: 2.4G – 20 and 40MHz; 5G – 20, 40 and 80MHz

• Wi-Fi data rates: 802.11ac 6.5–867 Mbps; 802.11n 6.5–300 Mbps (400 Mbps with 256-QAM on 2.4G); 802.11a/g 6–54 Mbps; 802.11b 1–11 Mbps

• Max TX power: 5G 22 dBm; 2.4G 24 dBm (varies by country, frequency band and MCS rate)

• Coverage range: up to 100 metres (varies based on environment)

• Concurrent clients: 100+

• SSIDs: 16 total (8 per radio)

#### Network Interfaces

• 1x 10/100/1000M uplink Ethernet port with PoE/PoE+ input

• 2x 10/100/1000M Ethernet ports with PSE output (total 12W budget across LAN2/LAN3)

• 1x 10/100/1000M Ethernet port

• Auxiliary: 1x Reset Pinhole, 1x Kensington lock

• LEDs: 1x tri-colour for device tracking and status indication

#### 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

#### Network & QoS

• Network protocols: IPv4/IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM

• QoS: 802.11e/WMM, VLAN, TOS

## Grandstream GWN7603 802.11ac Wave-2 Wi-Fi Access Point (GWN7603)

### Management

- Embedded controller: manages up to 50 local GWN APs
- GDMS Networking (GWN.Cloud): free cloud management platform for unlimited GWN APs
- GWN Manager: on-premise software controller for up to 3,000 GWN APs

### Power

- PoE input: 802.3af/802.3at
- PSE max output: 12W total budget for LAN2/LAN3
- Max power consumption: 6.5W (excluding PoE output)

### Physical

- Mounting: indoor wall mount (kits included)
- Operating temperature: 0°C to 45°C
- Storage temperature: -10°C to 60°C
- Humidity: 10%–90% non-condensing
- Dimensions (unit): 135 x 115 x 30 mm
- Weight (unit): 215 g
- Compliance: FCC, CE, RCM, IC

### Package Contents

- 1 x Grandstream GWN7603 Wi-Fi Access Point
- 1 x Mounting Kit
- 1 x Quick Installation Guide

**Price: £43.80**