



Oct 1, 2018
GRN62c,
Amigo Standard AC1200 Wifi Mesh System
802.11ac Wave2 (Wi-Fi 5)

Amigo Standard Wifi Mesh System, GRN62c, includes router master and satellites. The GRN62c designed to work in combination to eliminate any dead spots in the house space. It combines deployment flexibility and maximum Wi-Fi coverage to achieve “Whole Home Coverage” application. The system utilizes mesh technology to provide powerful wireless performance in an innovative and simple design. They provide unparalleled capacity, reliability, low latency and seamless handoffs for voice, HD-quality video and other real-time applications together.

The mesh system consists of two independent radios for flexible indoor wireless mesh deployments using the 2.4-GHz and 5-GHz bands. Each radio may be configured to operate as a Wi-Fi access point (AP) or as a point-to-point, point-to-multipoint and full mesh backhaul. The smart mesh algorithm will be based on client access and mesh backbone data while optimizing radio resources for both types of traffic to ensure high throughput and low latency. Also, it automatically optimizes traffic routes between wireless mesh routers and creates a truly adaptive mesh infrastructure. It allows Wi-Fi clients to roam between wireless mesh satellites points in less than few milliseconds, maintaining a seamless connection for latency-sensitive applications, such as streaming video and voice calls.

According to the design, the system can be set up simply and easily in few minutes. For adding one more satellite, it just needs to push WPS button to connect to the system. The whole system can apply single SSID. For better topology, the signal strength between devices to devices is shown to users to optimize the satellites positions. For device management, the LED trigger function will help users to find the location of the LED flashed device.

Amigo Standard Wifi Mesh System, GRN62c, have been released on October 01 2018. It is ready for production and samples are available upon request.

Key Features

- AC1200: 300Mbps (2.4G) + 867Mbps (5G)
- Chipset: Realtek RTL8197FS (MIPS 24K 1GHz) + RTL8363N + RTL8812BR
- RF Power: 2.4GHz (21dBm); 5GHz (23dBm)
- Memory: NOR 8MB, DDR3 128MB
- 2 x Gigabit Ethernet Port
- Power: DC 12V/1A
- Internal Antenna
- Support External Power Adaptor
- Option: BLE
- Dimension: 160(L) x 160(W) x 42(H) mm
- Operating: 0°C to 40°C
- Build-in Wi-Fi Mesh Software
 - ✓ Single SSID and security
 - ✓ Support easy setup
 - ✓ Support 16 nodes
 - ✓ Support Auto Repair (<3 minutes)
 - ✓ Support Roaming (<3 ms)

About Amigo Technology Inc

Amigo Technology Inc., listed on the Taiwan Stock Exchange in 2003, manufactures WAN, LAN, and IoT devices. The business strategy is providing high quality and unique design for Telecommunication companies, service integrators or any other brand companies. For knowing further about Amigo's products, please visit to www.amigo.com.tw.