



Enterprise In-Wall 11bgn 300 Mbps WIRELESS ACCESS POINT

Model: GW300N



ADVANCED TECHNOLOGY



HOSPITALITY	PUBLIC	GENERALITY	INDUSTRY

GW300N was integrated Qualcomm's chipsets. This is an 11bgn 300Mbps High Power Indoor In-Wall. This Indoor In-Wall with the popular generation 802.11bgn Wi-Fi standard combined 300Mbps Wi-Fi speed over 2.4GHz and equipped fast WAN port, fast ethernet data rate can be taking care 12-30 end users at the same time. Matching access demand to enjoy seamless HD movies, streaming, online gaming, wireless security and other bandwidth-intensive tasks.

GW300N with user-friendly Web management interface and multi-operation mode like: AP, Repeater, Gateway multi-function for many applications.

Enterprise In-Wall Wireless Access Point- GW300N

Stable PoE power supply solution, suitable for all kinds of business deployment

				
Much Safer	Widely used	Strong signal	Energy saving	Cost Saving
86 size style, fire-proof material	allow 2.4GHz users access	Omni 3dBi antenna	low PoE power	Centralized and remote management

The advertisement shows a white, wall-mounted GW300N access point with the Guepard Networks logo. To its right, a laptop on a white shelf displays 'LaptopBook Pro' on its screen. A small photo of a person is also on the shelf.

300Mbps high data rate and high conversion rate

GW300N compliant with 802.11bgn technology providing up to 300Mbps data rate, 2 times faster wireless speed compared with other 802.11b/g/n products.

Qualcomm Chipset, Enterprise Wireless Solution
 Make Internet faster and solution professional!



High performance, Core components are all from Famous Manufacturers



Smart WiFi switch

GW300N is convenient with smart switch LED button for On/Off WiFi which saving power.





Smart Wi-Fi Switch

Press this LED light, Wi-Fi Enable,
 LED turns to green; Press this LED light again,
 Wi-Fi disable, LED turn off.
 Control the Wi-Fi based on needs, energy saving.

Power over Ethernet

GW300N has integrated IEEE 802.3af Power over Ethernet (PoE) port (10/100Mbps) for easy installation and saving cost. So it can be installed in areas where power outlets were not ready, eliminating the mess of altering existing network infrastructure.

Active PoE Power Supply, Stable and Energy Conservation

Comply with IEEE 802af standard PoE power supply, high efficient,
low energy, low heat, long time stable work.



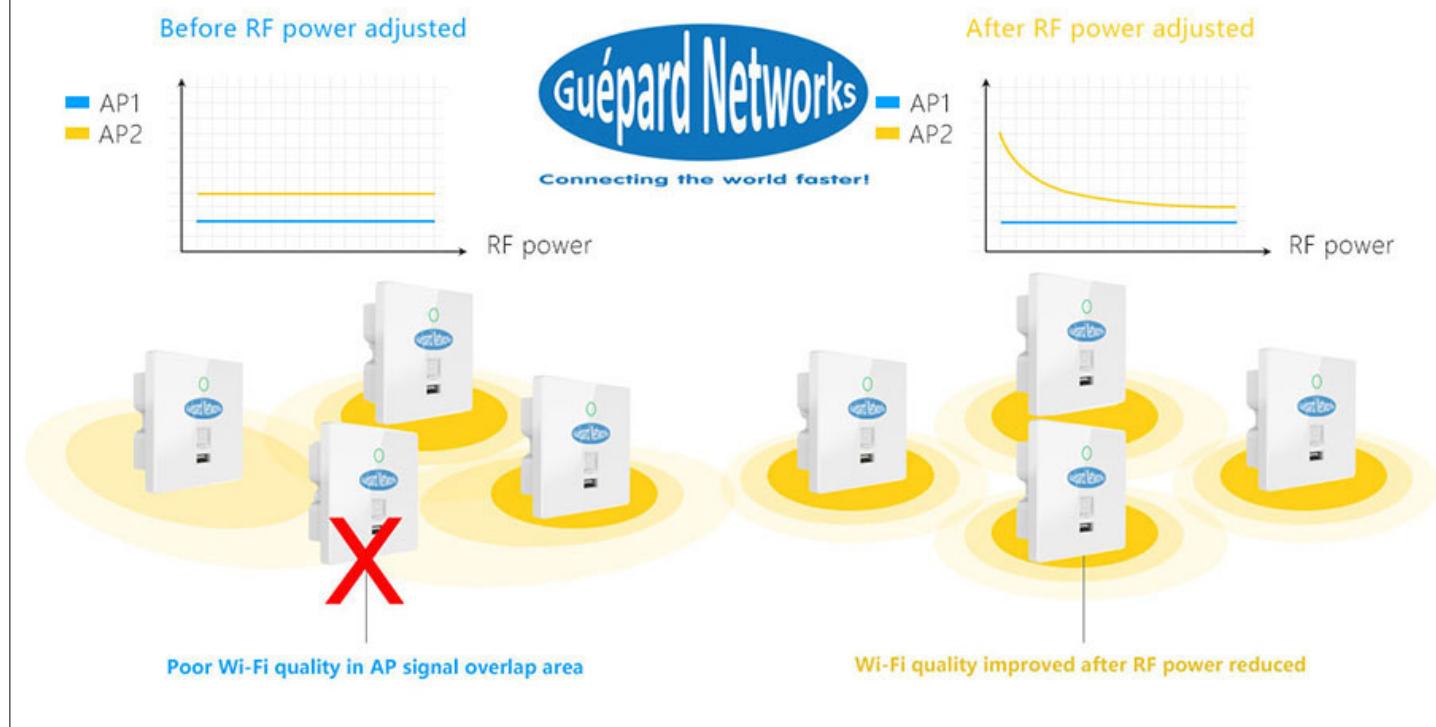
Comply with IEEE 802.3af PoE Standard, same cable supply network
data and PoE power together.

Adjustable RF power

The transmission RF power is adjustable based on environment. Cut down RF power in place with high density of people or wireless AP, or increase RF power in long range place to improve the performance.

Adjustable RF Power, Improve Wireless Quality

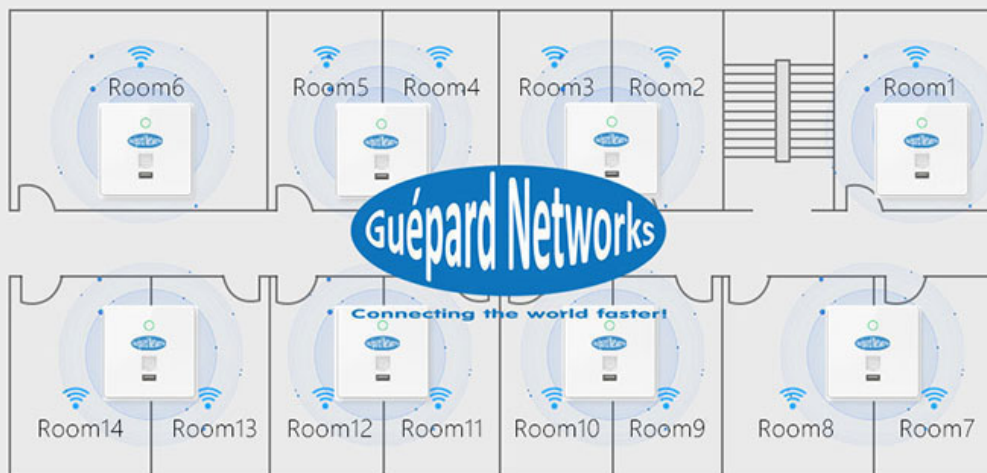
The transmission RF power is adjustable based on environment. Cut down RF power in place with high density of people or wireless AP to reduce Wi-Fi interference; Increase RF power in large area to improve the signal strength.



Smart roaming and Load balance technology

Smart Roaming and Load Balance Technology

Integrated smart core algorithm , end user will seamless switch to wireless AP with better signal strength, load balance with better performance.



Access Controller System


Working with WLAN controller (Guépard Controller) in wireless AP operation mode, easily access advanced network settings through PC like: APs and end users status monitor, change IP address, SSID, Channel, Password, upgrade firmware, backup and restore....

Easy to do centralizing and remote management over VPNs, advertisement and multi authentication make this device more professional in WiFi Projects.

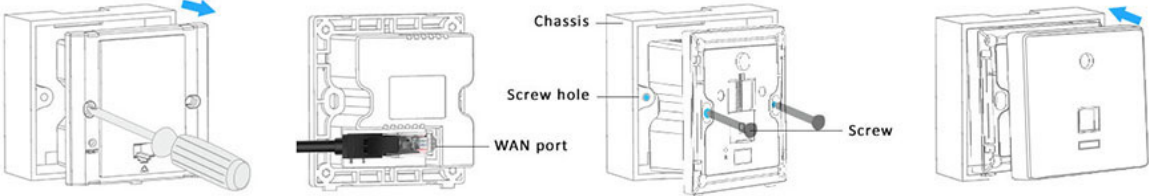
Easy installation

Simple to install, easy to use

Fast installation in 4 steps based on the exist network frame.




1. Take off the back cover of 86mm size chassis
2. Plug the ethernet connector in the WAN port
3. Fix the chassis and back cover through screw holes and screwing to medium tight
4. Install front cover to finish



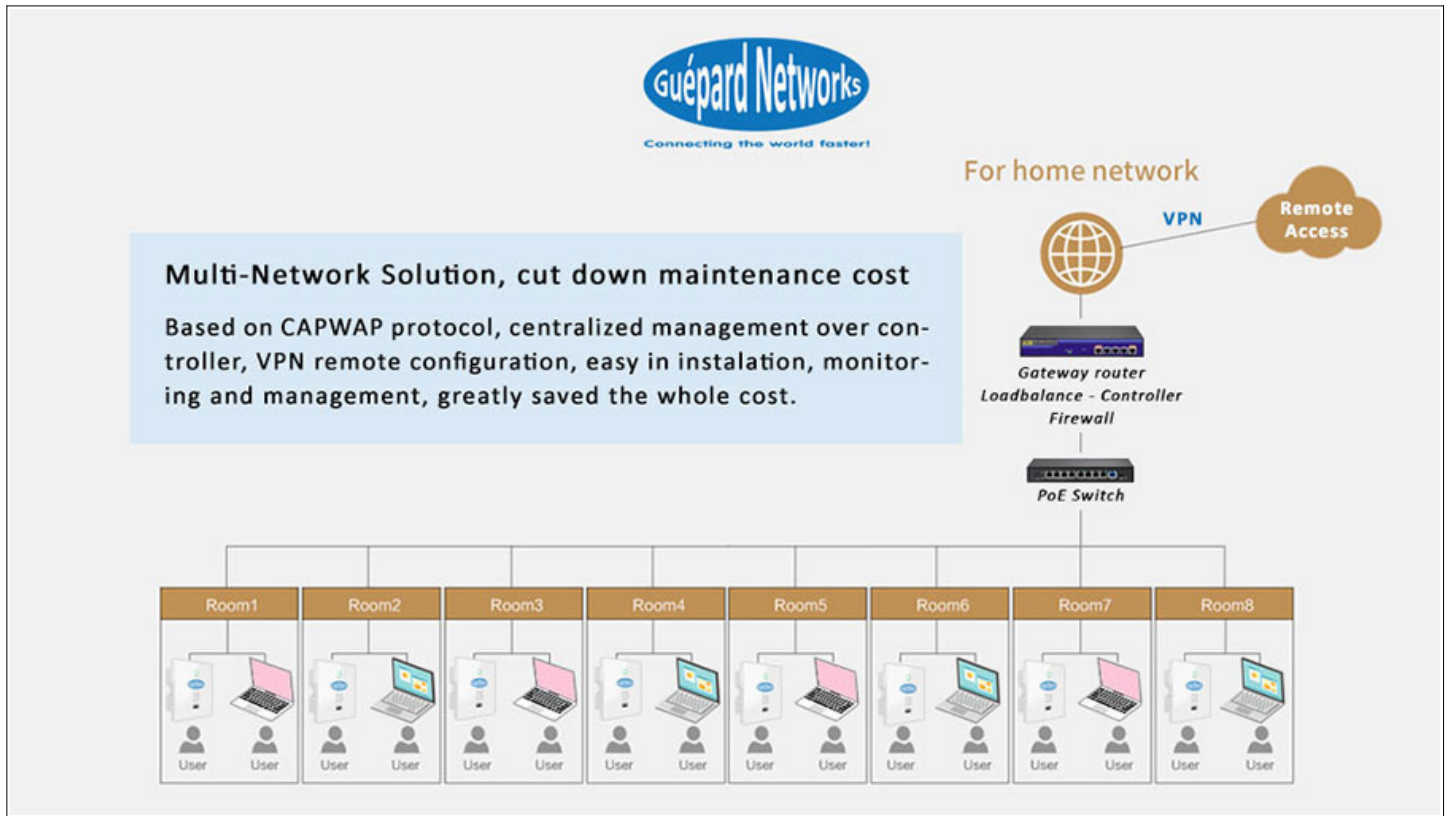
Multi-Function application

GW300N is a useful indoor device which can transmit data over RF wireless at any room scene like: Bedroom, Hotel, Dormitory, Apartment, Office, Parlor ...

Application Scene



Topology



High quality products with [02 years warranty](#)

All components and accessories of device supplied by prestige manufacturers (Qualcomm, Skyworks, muRata, TDK, Windbond, Samsung, Yageo, Nanya...) in USA, Japan, Korea, Taiwan and China. So you can trust Guépard product's quality which run robust, stable and enduring. That's why Guépard Networks extend period warranty from 18 months to 24 months (**02 years of warranty**).

Specification

HARDWARE	
Chipset	Qualcomm
IEEE (Wireless standard)	802.11b/g/n
Memory	64 MB DDR2 RAM
Flash	16 MB
Interface	2 x RJ-45 for 10/100Mbps WAN/LAN Ports; 1 x USB 2.0
	1 x LED switch button
	1 x Reset button, press longer for default settings
Power	IEEE 802.3af standard PoE 48V
Antenna	2 x 2dBi panel antenna (2.4 GHz)
Size	86mm x 86mm x 35mm
Weight	300g
RF (Radio Frequency)	
Frequency	2.4GHz: 802.11b/g/n
International regulations	The supported frequency band is restricted by local regulations. Accordant with technical standard of U.S (FCC), Europe (ETSI), Russia, Japan, China and Korea (in covering 2.4GHz).
Bandwidth	300 Mbps
FIRMWARE	
Operation Mode	AP/ Repeater/Gateway
Router mode	Dynamic IP/Static IP/PPPoE/L2TP (Dual Access) /PPTP (Dual Access)
Networks	IEEE 802.3x (u/ac/af)
Wireless	IEEE 802.11 b/g/n (2.4G WLAN)
	Multiple SSID, 4 SSID in 2.4G
Authentication	WPA/WPA2, WPA-PSK/WPA2-PSK
	WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
	WPA/WPA2 Enterprise (WPA-EAP using TKIP)
Basic Firewall	IP address filter/MAC address filter/URL filter;/Port

	forwarding/DMZ host
MANAGEMENT	
System Settings	Web-based configuration
System monitoring	Statistic status and System log
Logs	Supports local logs, log host
Reset	Reset to factory defaults
Backup	Restore settings & configuration of the device to local file
Centralized management (<i>for many APs: 64 – 2.048 pcs</i>)	Centralized management ability over AP Controller (Guépard GAC3000, Guépard GAC7000, Guépard GAC9500, Guépard GAC9600, Guépard GAC9800). 64 – 2.048 APs
PHYSICAL PROPERTY	
Temperature	Working: -40°C~70°C
Humidity	5%~95% (typical)
TECHNOLOGY & QUALITY	
<p><i>NEW ADVANCED TECHNOLOGY INTEGRATED BY MANY WORLD FAMOUS NETWORK PRODUCT PROPRIETIES</i></p> <p>24 MONTHS WARRANTY POLICY AND SUPPORT SERVICE</p> <p><i>100% PRODUCTS CHECKED TWICE BEFORE FACTORY RELEASE</i></p> <p>GUÉPARD NETWORKS™ Inspired of French</p> <p><i>ALL COMPONENTS AND ACCESSORIES SUPPLIED BY PRESTIGE MANUFACTURERS (QUALCOMM, SKYWORKS, muRata, TDK Windbond, Yageo, Nanya...)</i></p> <p><i>Assemble in China</i></p>	
CERTIFICATION	
  	
PACKAGE	
Guépard GW300N/ mount-kit	

Recommended: user should usual keep away from running AP at least 2-5 meters.