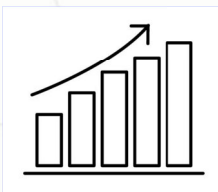


# WIRELESS ROUTER & ACCESS POINT **2200Mbps** Tri-Band 2.4GHz/Dual 5GHz

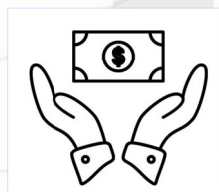
IEEE 802.11AC/N/G/B/A



Professional Qualcomm Chipset  
Comply with the latest generation of 802.11ac Wi-Fi Technology



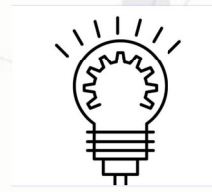
Hospitality



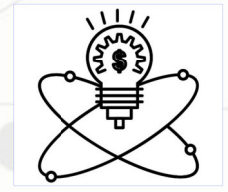
Home



Public



Generality



Industrial Park

# Guépard 2200Mbps

(Wireless Router/AP)

*US & EUROPEAN TECHNOLOGY*

## Guépard 2200Mbps Tri-Band Ceiling Wireless Router/Access Point

**Guépard 2200Mbps** Ceiling Wireless Router/Access Points is specifically designed to operate in set-ups for both residential and commercial applications. Integrated Qualcomm chipset and high RF power inside to assure full Wi-Fi coverage, good choice in old buildings or modern structures. Comply with the next generation 802.11ac Wi-Fi standard (Wi-Fi 5): working on 2.4GHz **11n** (300Mbps) and Dual 5GHz **11ac** 1800Mbps (900Mbps + 900Mbps) simultaneously. Wireless speed up to **2200 Mbps** together with Gigabit Ethernet port not only enabling modern users whom enjoy high speed surfing but also allows for very stable connectivity of control systems and the possibility of bridging and providing access simultaneously.

The very stable operating devices minimize the occurrence of auto resets and prevent faulty start-ups after resetting. The flexible with simple web interface (friendly GUI) which saving time configuration process for the installer.

### Designed with the End-user in mind

The AP is designed with the end-user in mind. The very inconspicuous exterior makes sure it can be comfortable installed in most residential and commercial spaces.

### Power over Ethernet

The **Guépard 2200Mbps** can be powered fully with PoE (Power over Ethernet) minimizing power cable's needs throughout the building.

The **Guépard 2200Mbps** can be ability configured in up to 12 separate SSID's (each SSID support tag VLAN) allow simulating different wireless networks like a guest network. These networks can be configured to give different users, different rights that are specific each user and their individual needs (e.g. access the network or dedicated parts of the network, access internet or just intranet, use VoIP, stream video, gaming etc.).

The **Guépard 2200Mbps** offers multiple security modes, which makes safe data transmission. The Unified Management System (AP Controller) based on X86 base allows network administrators to centrally manage IP Address, SSID, Security Settings, firmware upgrading etc. for all the LAN APs. What's more, this wireless access point work with Management System, easy to do remote management, advertisement and captive portal authentication, which make this AP more professional in Wi-Fi Projects.

### Applications

This high power, Tri-band radio and high speed wireless access point can be deployed in a wide array of situations for both residential and commercial applications.

#### Residential Applications

Up to 150 meters Wi-Fi range, Guépard 2200Mbps have ability providing full Wi-Fi range for residential work in Gateway operation mode like integrated all function (wireless router) which giving absolute cost effective connectivity.

# Multiple Application Scope

Dual band high speed  
fit for many environments which request for multiple users access,  
like airport/ pier/ school/ station/ meeting hall.



## Commercial Applications

Abilities covering Wi-Fi for conference hall and loading 100+ end users per AP (Max 200 end users per AP) at the same time. Guépard 2200Mbps is matching public application of hospital, school, hotel, resort, restaurant, café, and shopping mall. It can work with access point controller (AC), easy to management and central data configuration, together with advertisement and portal authentication for hundreds of APs in one time.

## 802.11ac advantages

802.11ac (Wi-Fi 5) have more advantages than before (Wi-Fi 4). Which will bring users increasing good experience with better speed.

<b>Wireless throughput</b>	<b>2200Mbps</b>
Model	GC1200ac
Type	Indoor
<b>Category</b>	<b>Professional</b>
Client capacity (simultaneous access)	100 clients ( <i>Recommended</i> ) Max 200 clients ( <i>Lowest sharing bandwidth</i> )
Chipset (SoC)	<b>Qualcomm</b>
<b>Interfaces</b>	
WAN	1 x GbE copper (Support IEEE 802.3at PoE)
LAN	1 x GbE copper
LED light	Sys, WAN, LAN
<b>Wireless</b>	
Wireless technology supports	<b>WiFi 5</b>
Data Rate	<b>2200Mbps</b>
Frequency (The supported frequency band is restricted by local regulations. Accordant with technical standard of U.S (FCC), Europe (ETSI), Japan, Korea and China (in covering 2.4 GHz, 5 GHz).)	2.4GHz+5GHz
Channel Bandwidth	20MHz/40MHz/80MHz/160MHz
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM, 128-QAM, 256-QAM
Antenna	Build in 6x4dBi Tri-band Antenna (MIMO technology)
Emitted distance in LOS (meter)	Up to <b>150m</b> 100m ( <i>Recommended</i> )
<b>Function</b>	
Operation Mode	Router/AP
Protocol	IEEE 802.11b/g/n (2.4G WLAN) IEEE 802.11 a/n/ac (5G WLAN)
SSID (Support Multi-SSID)	- 12
VLAN (support tag VLAN and VLAN management)	IEEE 802.1Q
Security	WPA/WPA2
System Settings	Web-based configuration

Configuration Backup	Restore device's settings & configuration to local file
Centralized management	Centralized management ability over AP Controller
<b>Environment</b>	
DC Power	DC:12V-1.5A
<b>PoE Adapter (included)</b>	<b>48V/802.3af/GbE</b>
Power Consumption	~24W
Cover material	ABS High-Class
ESD and surge protection	-
Water-proof Level	-
Operating Temperature	-20°C~45°C
Humidity	5%-95% non-condensing
<b>Dimensions</b>	
Shape	Square
Height x Width x Length (mm)	196 (H) x 196 (W) x 38 (D)
Diameter x Height (mm)	
Height x Width x Length (inches)	7.72 (H) x 7.72 (W) x 1.5 (D)
Diameter x Height (inches)	
Form Factor	Wall/Ceiling Mounted
Weight (kg)	0.79
Weight (lb)	1.73
<b>Technology &amp; Quality</b>	
US & European technology (100% products checked 02 times before shipment)	24 months warranty
<b>Package</b>	
AP complete set/ LAN Cable/ PoE Gbps Adapter (IEEE 802.3af, 48V/0.5A; AC 100V/240V)/ Setting accessories	
<b>Regulatory Compliance</b>	
FCC, CE, Rohs	

\* **HARDWARE:** With power hardware (Qualcomm chipsets and high memory) - **Guépard 2200Mbps** have simultaneous ability accesses up to 200 users surf internet (reading news, access website, FB, X, Google...) or 80 video streaming, Netflix ... end users.

\*\* **RF MANAGEMENT:** **Guépard 2200Mbps** can be flexible for decreasing or increasing WLAN coverage (Ex: can be adjusted WLAN coverage from 40 meters to 150 meters and quantities of walls to penetrate). **Guépard 2200Mbps** can be flexible to extend more Wi-Fi zone with AP Controller.

**Recommended: user should usual keep away from running AP at least 1-2 meters.**