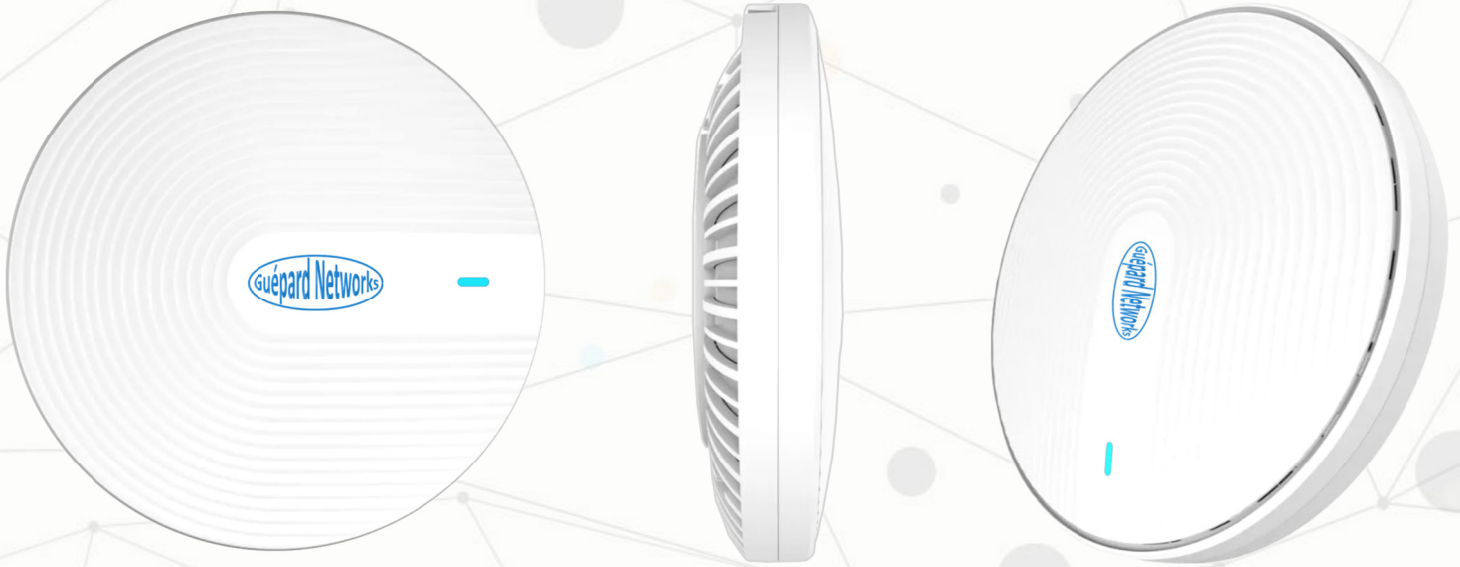


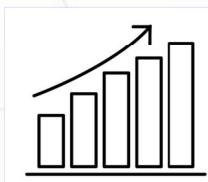
WIRELESS ROUTER & ACCESS POINT **7800Mbps** Tri-Band 2.4GHz/5.1GHz/5.8GHz

IEEE 802.11AX/AC/N/G/B/A

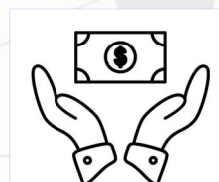
WiFi 6



QUALCOMM® Professional Qualcomm Chipset
Comply with the latest generation of 802.11ax Wi-Fi Technology



Hospitality



Home



Public



Generality



Industrial Park

Guépard 7800Mbps

(Wireless Router/AP)

US & EUROPEAN TECHNOLOGY

Guépard 7800Mbps Tri-Band Ceiling Wireless Router/Access Point

Guépard 7800Mbps 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 802.11ax Wi-Fi standard (Wi-Fi 6): working on 2.4GHz **11ax** (600 Mbps) and 5GHz **11ax** 6200Mbps (4800Mbps + 2400Mbps) simultaneously. Wireless speed up to **7800 Mbps** together with 2.5 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 7800Mbps** can be powered fully with PoE (Power over Ethernet) minimizing power cable's needs throughout the building.

The **Guépard 7800Mbps** 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 7800Mbps** 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

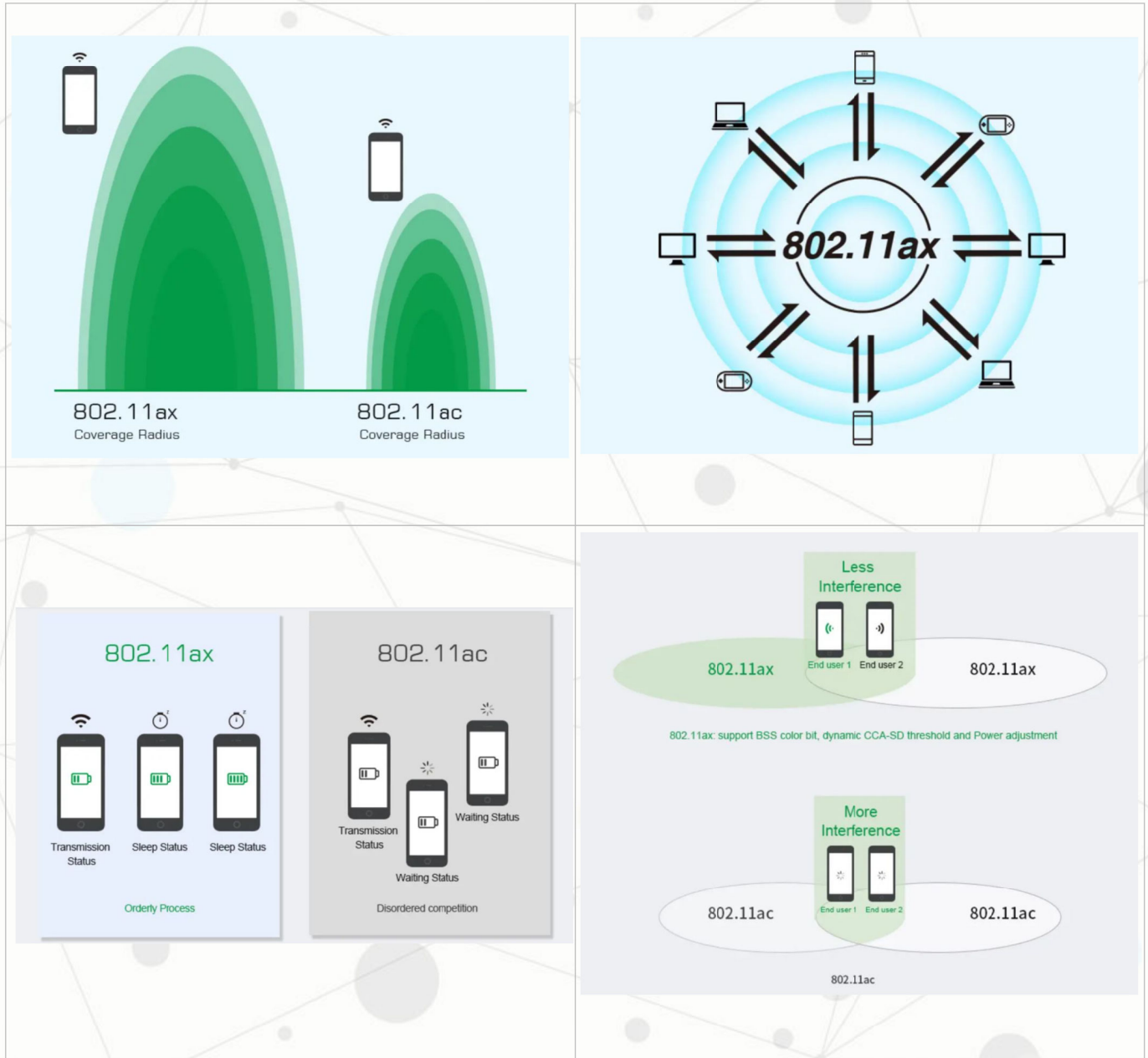
Up to 100 meters Wi-Fi range, Guépard 7800Mbps have ability providing full Wi-Fi range for residential work in Gateway operation mode like integrated all function (wireless router) which giving absolute cost effective connectivity.

Commercial Applications

Abilities covering Wi-Fi for conference hall or 160+ end users per AP (Max 320 end users per AP). Guépard 7800Mbps is matching public application of hotel, school, 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.

802.11ax advantages

802.11ax (Wi-Fi 6) have more advantages than before (Wi-Fi 5). Which will bring users increasing good experience with better security.



Wireless throughput	7800Mbps
Model	GC1200ac
Type	Indoor
Category	Professional
Client capacity (simultaneous access)	160 clients (<i>Recommended</i>) Max 320 clients (<i>Lowest sharing bandwidth</i>)
Chipset (SoC)	Qualcomm
Interfaces	
WAN	1 x 2.5GbE copper (Support IEEE 802.3bt PoE)
LAN	1 x GbE copper
LED light	Sys, WAN, LAN
Wireless	
Wireless technology supports	WiFi 6
Data Rate	7800Mbps
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, 256-QAM
Antenna	Build in 6x4dBi Tri-band Antenna (MIMO technology)
Emitted distance in LOS (meter)	Up to 100m 80m (<i>Recommended</i>)
Function	
Operation Mode	Router/AP
Protocol	IEEE 802.11b/g/n/ax (2.4G WLAN) IEEE 802.11 a/n/ac/ax (5G WLAN)
SSID (Support Multi-SSID)	- 12
VLAN (support tag VLAN and VLAN management)	IEEE 802.1Q
Security	WPA/WPA2/WPA3
System Settings	Web-based configuration

Configuration Backup	Restore device's settings & configuration to local file
Centralized management	Centralized management ability over AP Controller
Environment	
DC Power	DC:12V-2A
PoE Adapter (included)	48V/802.3at/2.5GbE
Power Consumption	~26W
Cover material	ABS High-Class
ESD and surge protection	-
Water-proof Level	-
Operating Temperature	-20°C~45°C
Humidity	5%-95% non-condensing
Dimensions	
Shape	Circle
Height x Width x Length (mm)	218 (D) × 54.6 (H)
Diameter x Height (mm)	
Height x Width x Length (inches)	8.58 (D) × 2.23 (H)
Diameter x Height (inches)	
Form Factor	Wall/Ceiling Mounted
Weight (kg)	0.95
Weight (lb)	2.1
Technology & Quality	
US & European technology (100% products checked 02 times before shipment)	24 months warranty
Package	
AP complete set/ LAN Cable/ PoE 2.5Gbps Adapter (IEEE 802.3at, 48V/0.5A; AC 100V/240V)/ Setting accessories	
Regulatory Compliance	
FCC, CE, Rohs	

* **HARDWARE:** With power hardware (04 pcs Qualcomm chipsets and high memory) - **Guépard 7800Mbps** have simultaneous ability accesses up to 320 users surf internet (reading news, access website, FB, X, Google...) or 160 video streaming, Netflix ... end users.

** **RF MANAGEMENT:** **Guépard 7800Mbps** can be flexible for decreasing or increasing WLAN coverage (Ex: can be adjusted WLAN coverage from 20 meters to 100 meters and quantities of walls to penetrate). **Guépard 7800Mbps** 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.