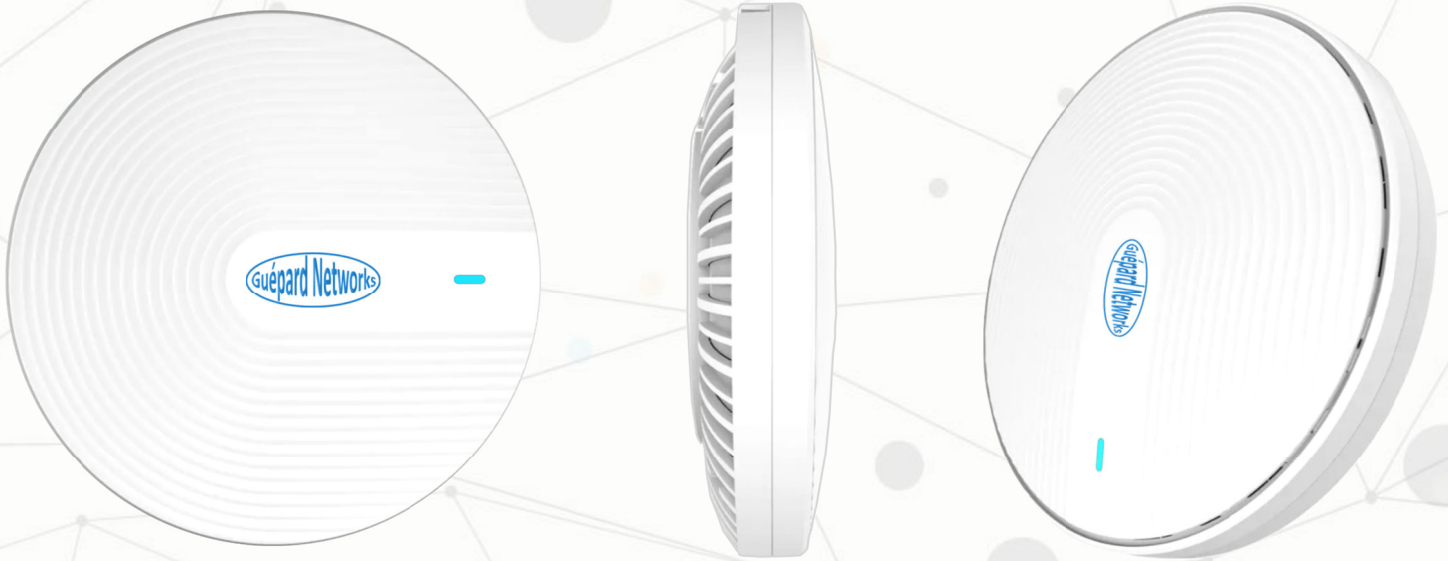


# WIRELESS ROUTER & ACCESS POINT **3000Mbps** Dual-Band 2.4GHz/5GHz

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

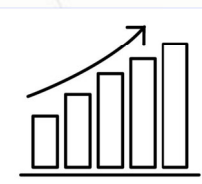
WiFi 6



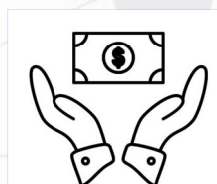
**MEDIATEK**

Professional Mediatek Chipset

Comply with the latest generation of 802.11ax Wi-Fi Technology



Hospitality



Home



Public



Generality



Industrial Park

# Guépard 3000Mbps

(Wireless Router/AP)

US & EUROPEAN TECHNOLOGY

## Guépard 3000Mbps Tri-Band Ceiling Wireless Router/Access Point

**Guépard 3000Mbps** 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** 2400Mbps simultaneously. Wireless speed up to **3000Mbps** 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 3000Mbps** can be powered fully with PoE (Power over Ethernet) minimizing power cable's needs throughout the building.

The **Guépard 3000Mbps** can be ability configured in up to 8 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 3000Mbps** 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, Dual-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 3000Mbps 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.





<b>Wireless throughput</b>	<b>3000Mbps</b>
Model	GC600ac
Type	Indoor
<b>Category</b>	<b>Popular</b>
Client capacity (simultaneous access)	80 clients ( <i>Recommended</i> ) Max 140 clients ( <i>Lowest sharing bandwidth</i> )
Chipset (SoC)	<b>Mediatek</b>
<b>Interfaces</b>	
WAN	1 x GbE copper (Support IEEE 802.3af PoE)
LAN	1 x GbE copper
LED light	Sys, WAN, LAN
<b>Wireless</b>	
Wireless technology supports	<b>WiFi 6</b>
Data Rate	<b>3000Mbps</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, 256-QAM
Antenna	Build in 4x4dBi Dual-band Antenna (MIMO technology)
Emitted distance in LOS (meter)	Up to <b>100m</b> 80m ( <i>Recommended</i> )
<b>Function</b>	
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)	- 8
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
<b>Environment</b>	
DC Power	DC:12V-1.5A
<b>PoE Adapter (included)</b>	<b>48V/802.3af/GbE</b>
Power Consumption	~14W
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	Circle
Height x Width x Length (mm)	186 (D) × 37 (H)
Diameter x Height (mm)	
Height x Width x Length (inches)	7.32 (D) × 1.46 (H)
Diameter x Height (inches)	
Form Factor	Wall/Ceiling Mounted
Weight (kg)	0.55
Weight (lb)	1.21
<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 chipset and high memory) - **Guépard 3000Mbps** have simultaneous ability accesses up to 140 users surf internet (reading news, access website, FB, X, Google...) or 50 video streaming, Netflix ... end users.

\*\* **RF MANAGEMENT:** **Guépard 3000Mbps** can be flexible for decreasing or increasing WLAN coverage (Ex: can be adjusted WLAN coverage from 10 meters to 100 meters and quantities of walls to penetrate). **Guépard 3000Mbps** 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.**