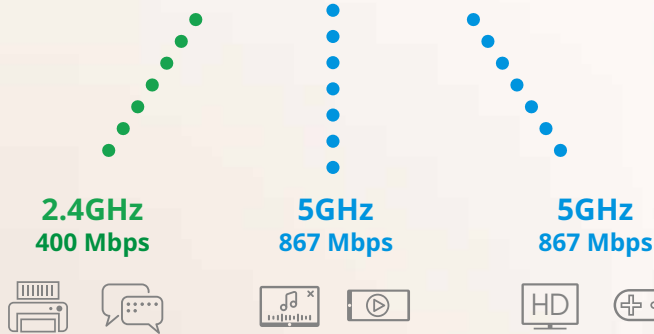




VigorAP 1000C

Tri-band 802.11ac Ceiling-mount AP



The Vigor1000C is a business-class tri-band access point with single 2.4GHz and dual 5GHz radios, delivering fast speed up to 2.2 Gbps. With the additional 5GHz radio, it is ideal for providing wireless access in high-density environments in AP mode or forming dedicated wireless backhaul link in Mesh mode.

Key Features



PoE Power Supply

Simplify the infrastructure by getting data and power through a single cable.



Assisted Wi-Fi Roaming

Solve the sticky client problem and improve Wi-Fi roaming experience.



Airtime Fairness

Equalize the transmission time of each client so the legacy devices won't slow everyone down.



Wi-Fi Scheduling

Schedule Wi-Fi On and Off to control wireless access and save energy.



Multiple SSID

Mapping Wi-Fi clients to different VLANs and have a different set of security standards.



Local RADIUS Server

User profile database for local and external 802.1x authentication.



Band Steering

Redirect 5GHz-capable devices to the 5GHz radio to get a faster speed.



Central AP Management

Manage, maintain, and monitor VigorAP 912C from the DrayTek routers.

Tri-Band

Concurrent 2 x 5GHz
and 2.4GHz

AC2200

Delivers 2.2Gbps speed
at maximum

384 Users

Active at maximum,
128 per radio

2 x LAN Port

for aggregation or
2 LAN subnet

Specification

Interface

LAN Port	2 x 10/100/1000M Base-T, RJ-45 (PoE-PD Support on Port 1)
USB Port	1 x USB2.0 Type A
Antenna	6 x Internal Dual-Band Antenna Gain: 2 dBi for 5GHz, 1 dBi for 2.4GHz
Button	1 x Factory Reset Button
Security Lock	•

Capacity

2.4GHz Peak Speed	400 Mbps
5GHz Peak Speed	867 Mbps
5GHz-2 Peak Speed	867 Mbps
Max. Number of Concurrent Active Clients	384 (128 per radio band)

WLAN

2.4GHz Standard	IEEE 802.11b/g/n 2x2 MIMO
5GHz Standard	IEEE 802.11a/n/ac wave 2 2x2 MU-MIMO
Operating Mode	AP, Mesh Root, Mesh Node, Range Extender
Roaming	AP-Assisted Roaming, PMK-Caching, Pre-Authentication
AirTime Fairness	•
Band Steering	•
Auto Channel Selection	•
Max. Number of SSID	12 (4 per radio band)
WDS	•
Bandwidth Limit per Client	•
Client Number Limit	Per radio, Per SSID
Connection Time Control	•
WMM	•

Security

Security Mode	WEP, WPA, WPA2, WPA3-Personal, Mixed(WPA+WPA2)
Authentication	Pre-Shared Key, 802.1X
WPS	PIN, PBC
Hidden SSIDs	•
MAC Address Filter	Up to 384 entries
Wireless Client Isolation	•
Mobile Device Management	•

Application

Built-in RADIUS Server	•
RADIUS Proxy	PEAP, EAP-TLS
DHCP	DHCP Server, DHCP, Client, DHCP Relay Agent
Static IP	•
MAC Clone	•
802.1q VLAN	•
iOS Keep Alive	•
Schedule	Auto-Reboot, Wi-Fi Up/Down, LED On/Off, Sound Buzzer

Management

Local Service	HTTP, HTTPS, Telnet
Configuration	Stand Alone, TR-069 (VigorACS), Vigor Router APM, VigorAP Mesh Root
Firmware Upgrade	HTTP, TFTP, TR-069
Tools	Speed Test, AP Discovery, Statistics, Interference Monitor, Where Am I
Configuration Backup and Restore	•
Syslog	•
Mail Alert	•
SNMP	v1, v2c, v3
Managed by VigorConnect	•
Managed by VigorACS	•



Note:

The throughput figures are maximum, based on DrayTek internal testing with optimal conditions. The actual performance may vary depending on the different network conditions and applications activated.