

Alcatel-Lucent OmniAccess 203R Series Remote Access Points

802.11ac access point for home and small branch offices

The multifunctional OmniAccess 203R Remote AP delivers secure and fast 802.11ac wireless and wired network access to corporate resources for branch and home offices.



Unique in the industry, the compact OmniAccess 203R remote AP is software configurable to operate in either 1x1 dual radio mode, or 2x2 single radio mode. It supports up to 867Mbps in the 5GHz band or up to 400Mbps in the 2.4 GHz band when operating in single radio 2x2 mode. In dual radio 1x1 mode, the maximum data rates for the 203R AP are 433Mbps in the 5GHz band and 200Mbps in the 2.4GHz band.

The 203R AP offers a variety of enterprise-class features, including role-based network access, policy-based forwarding, and Adaptive Radio Management (ARM), which gives remote workers the same high-quality Wi-Fi experience they get at corporate headquarters. When additional capacity is desired, this low-cost 203R AP can be quickly added to an existing OmniAccess WLAN to improve network performance.

Managed by the OmniAccess Mobility Controller, the 203R AP supports centralized configuration, data encryption, policy enforcement and network services. It extends corporate resources to remote locations by establishing site-to-site VPN tunnels to the data center.

With an integrated BLE Beacon, the 203R AP simplifies the remote management of a large scale network of battery-powered BLE Beacons and provides advanced location and indoor way finding, and proximity-based push notification capabilities.

UNIQUE BENEFITS

Deploy with or without controller

- The 203R can be deployed in either controller-based (AOS-W) or controllerless (InstantOS) deployment mode.

New 802.11ac flexible radio architecture

- The 203R AP is software configurable to operate in either 1x1 dual radio mode, or 2x2 single radio mode.
- Supports up to 867Mbps in the 5GHz band (with 2SS/VHT80 clients) or up to 400Mbps in the 2.4 GHz band (with 2SS/VHT40 clients). In 1x1 dual radio mode, these max speeds are up to 433Mbps (5GHz) and 200Mbps (2.4GHz).

Built-in Bluetooth Low-Energy (BLE) radio

- Delivers location-based services for BLE-enabled mobile devices.
- Enables management of your deployment of battery-powered BLE Beacons.

Advanced Cellular Coexistence (ACC)

- Minimizes the impact from out-of-band interference from sources such as 3G/4G cellular networks.

RF Management

- Adaptive Radio Management (ARM) technology automatically assigns channel and power settings, provides airtime fairness and ensures that APs stay clear of all sources of RF interference to deliver reliable, high-performance WLANs