

ORiNOCO® USB-9100 Client Adapter

High Performance 802.11ac Wireless Client



High Speed, Extended Range, Flexible and Secure 802.11ac Wireless Connectivity for Laptop or Desktop Computers

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ORiNOCO® USB-9100 Client Adapter enables a high performance, secure and reliable connection to a WLAN network from any laptop or desktop computer that supports a USB port. With wireless networking data rates reaching 866 Mbps using 802.11ac MiMo 2x2 technology, this dual band 802.11a/b/g/n/ac adapter enables seamless roaming between 5 GHz 802.11a/n/ac and 2.4 GHz 802.11b/g/n networks, allowing users to move between home, work and public WiFi spaces with better range and throughput while giving maximum flexibility compatibility with previous 802.11a/b/g/n networks.

The ORiNOCO® USB-9100 Client Adapter sets new standards in throughput and range to deliver the ultimate wireless quadruple play experience for video, voice and data transmission in the home, for business and on the road. Its MiMO 2x2 architecture maximizes link data rate up to 866 Mbps while its USB 3.0 interface efficiently transfers the data flow to the host computer delivering higher performances than other USB adapters.

High-Performance Wireless with Enhanced Coverage

- 802.11ac MIMO 2x2 solution for 5 GHz band
- Complete 802.11a/b/g/n compatibility for 2.4 GHz and 5 Ghz band
- USB 3.0 interface for optimum communication with the host computer
 - Maximum PHY data rate:
 - Up to 173.3 Mbps using 20MHz bandwidth
 - Up to 400 Mbps using 40MHz bandwidth
 - Up to 866.7 Mpbs using 80MHz bandwidth
- IEEE 802.11e EDCA QoS Enhancement
- IEEE 802.11i security: Open, pre-shared key and pair-wise key authentication services plus TKIP/AES128 encryption
- IEEE 802.11h Spectrum and Transmit Power Management Extensions
- IEEE 802.11k Radio Resource Measurement to optimize network usage
- Wi-Fi Protected Setup via push button for easy network pairing

Supported Environment

- Desktop or Laptop with a USB 2.0/3.0 port
- Windows 7, 8, 8.1 or 10 Operating System

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