Product Overview: Enterprise Wireless LAN

### ORiNOCO® AP-9100
- Description: Dual-radio enterprise-class indoor 802.11ac access point with QoS, simultaneous a/b/g/n/ac support and enhanced security
- Applications: Gigabit wireless access solution for demanding bandwidth intensive office needs including quad play applications of voice, video, data and mobility
- Environment: Enterprises and organizations, Airport, retail, hotel, health care, Campus networks
- Other Features: Over 875 Mbps aggregate throughputs, 3x3:3 MIMO support, Dual-radio design offers operational flexibility and high capacity, Operates in 802.11a/b/g/n/ac mode
- Frequency Band: 2.4-2.484, 5.15-5.850 Ghz
- RF Protocol: 802.11b/g/n, 802.11a/n/ac
- Data Rate: Up to 450 + 1300 Mbps
- QoS: 802.11e Enhanced Distributed Channel Access
- Security: 802.11i Wireless Security with AES-128, TKIP or WEP
- Form Factors: With integrated antenna

### ORiNOCO® AP-8100
- Description: Dual-radio enterprise-class indoor 802.11n access point with QoS, simultaneous a/b/g/n support and enhanced security
- Applications: Video and high-speed broadband access solutions for QoS intensive applications in enterprises and local businesses
- Environment: Campus networks, Airport, retail, hotel, health care, Enterprises and organizations, K-12 and higher education
- Other Features: Over 300 Mbps aggregate throughputs, 2x2 MIMO support, Dual-radio design offers operational flexibility and high capacity, Operates in 802.11a/b/g/n mode
- Frequency Band: 2.4-2.484, 5.15-5.850 Ghz
- RF Protocol: 802.11a/n, 802.11b/g/n
- Data Rate: Up to 300 + 300 Mbps
- QoS: 802.11e Enhanced Distributed Channel Access
- Security: 802.11i Wireless Security with AES-128, TKIP or WEP
- Form Factors: With integrated antenna

### ORiNOCO® USB-9100 Client Adapter
- Description: Flexible 802.11a/b/g/n/ac USB Client adapter for wireless connectivity from any laptop or desktop
- Applications: Adds blazing speed 802.11ac mobile connectivity to any laptop or desktop computer
- Environment: Individual user, Enterprise end-user, Municipal/public safety worker
- Other Features:Secure, reliable connection from any desktop or laptop, Operates in 802.11a/b/g/n/ac mode, USB 3.0 superspeed interface, 802.11d global roaming, Wireless Protected Setup button
- Frequency Band: 2.400-2.840, 5.150-5.850 GHz
- RF Protocol: 802.11b/g/n, 802.11a/n/ac
- Data Rate: Upto 866 Mbps
- QoS: 802.11e Enhanced Distributed Channel Access
- Security: 802.11i Wireless Security with AES-128, TKIP or WEP
- Form Factors: Compact with integrated antenna

---

**Table:**

<table>
<thead>
<tr>
<th>Access Points</th>
<th>Client Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td>ORiNOCO® AP-9100</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Dual-radio enterprise-class indoor 802.11ac access point with QoS, simultaneous a/b/g/n/ac support and enhanced security</td>
</tr>
<tr>
<td><strong>Applications</strong></td>
<td>Gigabit wireless access solution for demanding bandwidth intensive office needs including quad play applications of voice, video, data and mobility</td>
</tr>
<tr>
<td><strong>Environment</strong></td>
<td>Enterprises and organizations, Airport, retail, hotel, health care, Campus networks</td>
</tr>
<tr>
<td><strong>Other Features</strong></td>
<td>Over 875 Mbps aggregate throughputs, 3x3:3 MIMO support, Dual-radio design offers operational flexibility and high capacity, Operates in 802.11a/b/g/n/ac mode</td>
</tr>
<tr>
<td><strong>Frequency Band</strong></td>
<td>2.4-2.484, 5.15-5.850 Ghz</td>
</tr>
<tr>
<td><strong>RF Protocol</strong></td>
<td>802.11b/g/n, 802.11a/n/ac</td>
</tr>
<tr>
<td><strong>Data Rate</strong></td>
<td>Up to 450 + 1300 Mbps</td>
</tr>
<tr>
<td><strong>QoS</strong></td>
<td>802.11e Enhanced Distributed Channel Access</td>
</tr>
<tr>
<td><strong>Security</strong></td>
<td>802.11i Wireless Security with AES-128, TKIP or WEP</td>
</tr>
<tr>
<td><strong>Form Factors</strong></td>
<td>With integrated antenna</td>
</tr>
</tbody>
</table>