

## Product Highlights

### Speed and Range of Wireless AC

The latest 802.11ac technology delivers speeds of up to 1200 Mbps, with increased range to reach more places in your home or office

### Multiple Operation Modes

Use as an access point, bridge, bridge with access point, repeater, wireless client, WISP client or WISP repeater to tailor it to your network needs.

### Robust Wireless Security

Complete set of security encryption standards including WEP, WPA/WPA2, and WPS to safeguard your network against outside intruders



## DAP-1665

# MU-MIMO AC1200 Wi-Fi Range Extender/Access Point

## Features

### Wireless and Wired LAN

- Latest 802.11ac wireless technology
- Backwards-compatible with 802.11n/g/b/a clients
- Two external antennas increase range
- Gigabit LAN port for wired connections up to 1000 Mbps
- Multiple SSIDs with VLAN mapping

### Operating Modes

- Access Point mode to add wireless to your existing network
- Repeater mode extends the range of your existing wireless network
- Bridge mode lets you create a direct wireless link between two existing LANs
- Bridge mode with AP adds the functionality of a wireless access point to your bridged network
- Client mode delivers wireless connectivity to a LAN device such as a PC or gaming device
- WISP Client/Repeater modes let you connect to a Service Provider that provides wireless broadband

### Security

- WPA/WPA2 security encryption to protect your wireless traffic
- Quickly and easily add new wireless devices with Wi-Fi Protected Setup (WPS)
- Kensington lock port to protect against theft

The DAP-1665 MU-MIMO AC1200 Wi-Fi Range Extender/Access Point is a fast and versatile solution for bringing wireless AC to your existing wired network, or extending your current wireless network. The latest 802.11ac Wave 2 technology featuring beamforming and MU-MIMO delivers combined speeds of up to 1200 Mbps<sup>1</sup>, so you can create a high-speed wireless link between networks, or quickly transfer large files wirelessly between computers on the same network.

## High-Speed Wireless and Wired LAN

The DAP-1665 features the latest 802.11ac wireless technology, capable of delivering combined speeds of up to 1200 Mbps over two bands. Use the 2.4 GHz band's 300 Mbps for web surfing, email and chat, while simultaneously using the lower-interference 5 GHz band for network bridging, downloading, and file transfers. For wired connections, the Gigabit LAN port enables wired data speeds of up to 1000 Mbps, meaning that your Gigabit-compatible wired devices can also benefit from the high speeds of wireless AC.

## Versatile Operation Modes

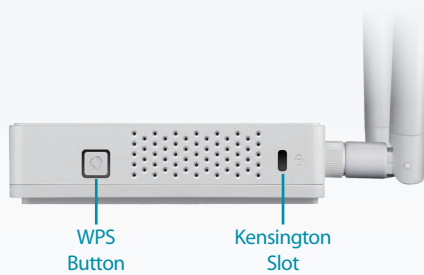
The DAP-1665 can be configured to operate in several modes, allowing you to customize it to your networking needs. Access Point mode allows the device to act as a central hub for wireless users, giving them access to your existing wired network. Wireless Client mode is available to enable the DAP-1665 to connect to another access point and provide network and Internet access to a remote wired device such as a gaming console or media center. Bridge mode allows you to create a high-speed wireless link between two wired networks (LANs), alleviating the need to install additional network cabling. Bridge mode with AP adds the functionality of a wireless access point to your bridged network, so wireless clients can access resources on both networks. Repeater mode extends wireless coverage of your existing wireless network to cover "dead" spots and reach farther into your home or office. Lastly, WISP Repeater and Client modes support users that are subscribed to Internet Service Providers (ISPs) that provide this type of equipment to connect to their wireless broadband connection.

# MU-MIMO AC1200 Wi-Fi Range Extender/Access Point

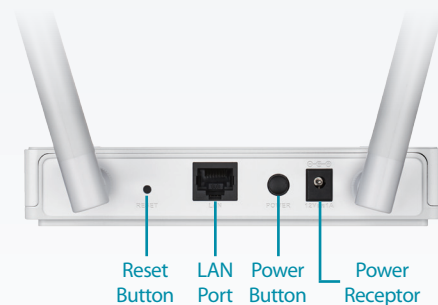
## Protect Your Wireless Network

The DAP-1665 provides 64/128-bit WEP encryption and WPA/WPA2 security to protect your network and wireless data. This device also supports Wi-Fi Protected Setup (WPS) to quickly set up protection for a wireless network. In addition, the access point features MAC address filtering and a disable SSID broadcast function to limit outsiders' access to your wireless network. The DAP-1665 also features a Kensington security slot so you can protect your access point against theft.

Side View



Rear View



## Technical Specifications

### General

Networking Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> <li>• 802.3/802.3u</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• IEEE 802.11ac wireless LAN</li> <li>• IEEE 802.11n/g/b/a wireless LAN</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100/1000BASE-TX wired LAN</li> </ul>
Operating Modes	<ul style="list-style-type: none"> <li>• Access Point (AP)</li> <li>• Wi-Fi Client</li> <li>• Repeater</li> <li>• Bridge</li> </ul>	<ul style="list-style-type: none"> <li>• Bridge with AP</li> <li>• WISP Repeater</li> <li>• WISP Client</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• 2 x 5 dBi external antennas</li> </ul>	
Data Signal Rate	<ul style="list-style-type: none"> <li>• 2.4 GHz</li> <li>• Up to 300 Mbps<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz</li> <li>• Up to 867 Mbps<sup>1</sup></li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• 2.4 GHz wireless</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz wireless</li> <li>• LAN</li> </ul>

### Advanced Features

Security	<ul style="list-style-type: none"> <li>• 64/128-bit WEP</li> <li>• WPA-PSK/WPA2-PSK</li> <li>• Wi-Fi Protected Setup (WPS)</li> </ul>	<ul style="list-style-type: none"> <li>• MAC address filtering</li> <li>• Kensington<sup>®</sup> security slot</li> <li>• SSID broadcast disable</li> </ul>
Device Management	<ul style="list-style-type: none"> <li>• Web-based interface minimum requirements: <ul style="list-style-type: none"> <li>• Internet Explorer 7, Firefox 12.0, Chrome 20.0, or Safari 4.0</li> </ul> </li> </ul>	

## MU-MIMO AC1200 Wi-Fi Range Extender/Access Point

Physical	
Dimensions	• 147 x 108 x 27.8 mm (5.79 x 4.25 x 1.1 inches)
Weight	• 222 grams (0.489 lbs)
Power	• Input: 12V/1 A • Consumption: Maximum 5.7W
Temperature	• Operating: 0 to 40 °C (32 to 104 °F) • Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> <li>• CE<sup>2</sup></li> <li>• FCC</li> <li>• TELEC</li> <li>• C-Tick</li> <li>• IC</li> <li>• Wi-Fi Certified</li> <li>• VCCI</li> </ul>
Order Information	
<i>Part Number</i>	<i>Description</i>
DAP-1665	AC1200 Wi-Fi Range Extender/Access Point

<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11ac and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

<sup>2</sup> For the EU region, this product is compliant with CE regulations and operates within the following frequency ranges: 2.4 - 2.4835 GHz, 5.150 - 5.250 GHz, 5.250 - 5.350 GHz, and 5.470 - 5.750 GHz.

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