



AC1200 Wi-Fi Gigabit Router

A powerful wireless networking solution designed for home and small office environments.

DIR-842V2

High-Speed Connectivity

- 802.11ac Wave 2 wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- Concurrent dual-band wireless for connections up to 1200 Mbps¹
- 10/100/1000 Gigabit WAN port for speedy Internet access
- Four 10/100/1000 Gigabit LAN ports give you high-speed wired connectivity

Advanced Wireless

- MU-MIMO technology
- Multiple modes, can be used as a Wi-Fi Router, Access Point, Repeater, WISP Repeater, or Wireless Client

Security

- Latest WPA3 Wi-Fi security with 128-bit encryption
- Firewall and access control options

Setup and Management

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process
- Firewall and access control options



AC1200 Wave 2

Combined wireless speeds of up to 1,200 Mbps



Dual-Band

Connect more devices with less congestion



Gigabit Ethernet

Gigabit connectivity to wired devices and broadband



MU-MIMO

High-bandwidth signal to multiple devices at the same time



Wi-Fi Protected Setup

Add devices to your network with the push of a button



Support WPA3

The latest Wi-Fi security for more protection



Multiple Modes

Wi-Fi Router, Access Point, Repeater, WISP Repeater, or Wireless Client



Easy Setup

Setup wizard to guide you through the configuration process

| General | | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Interfaces | <ul style="list-style-type: none"> IEEE 802.11 ac/n/g/b/a wireless LAN One 10/100/1000 Gigabit WAN port | <ul style="list-style-type: none"> Four 10/100/1000 Gigabit LAN ports |
| LEDs | <ul style="list-style-type: none"> Power Internet | <ul style="list-style-type: none"> WLAN 2.4 GHz WLAN 5 GHz |
| Antenna Type | <ul style="list-style-type: none"> Four external 5 dBi antennas | |
| Standards | <ul style="list-style-type: none"> IEEE 802.11ac IEEE 802.11n IEEE 802.11g | <ul style="list-style-type: none"> IEEE 802.11b IEEE 802.11a IEEE 802.3u |
| Minimum Requirements | <ul style="list-style-type: none"> Windows, Macintosh, or Linux-based operating system Microsoft Internet Explorer 10 or later, Microsoft Edge 20.10240 or later, Firefox 44, Chrome 48 or later, Safari 8, or Opera 35 | <ul style="list-style-type: none"> Wired or wireless Ethernet adapter for Internet access Subscription with an Internet Service Provider |
| Functionality | | |
| Encryption | <ul style="list-style-type: none"> 802.11 128-bit AES Latest WPA3 Wi-Fi security with 128-bit encryption | <ul style="list-style-type: none"> WPS (Wi-Fi Protected Setup) |
| Advanced Features | <ul style="list-style-type: none"> Web setup wizard Router, WISP client, Access Point, Repeater modes Wi-Fi client smart adjustment Periodic scan of channels, automatic switch to least loaded channel Firewall - Network Address Translation (NAT) | <ul style="list-style-type: none"> Guest zone Auto negotiation of channel bandwidth in accordance with environment conditions (20/40 Coexistence) MBSSID Guest Wi-Fi / support STBC support WMM (Wi-Fi QoS) |
| Physical | | |
| Dimensions | <ul style="list-style-type: none"> 181 x 132.5 x 47.71 mm (7.13 x 5.22 x 1.88 in) | |
| Weight | <ul style="list-style-type: none"> 304.8 g (0.67 lbs) | |
| Power | <ul style="list-style-type: none"> Input: 100 to 240 V AC, 50/60 Hz | <ul style="list-style-type: none"> Output: 12 V DC 1A |
| Temperature | <ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) | <ul style="list-style-type: none"> Storage: -20 to 65 °C (-4 to 149 °F) |
| Humidity | <ul style="list-style-type: none"> Operating: 10% to 90% non-condensing | <ul style="list-style-type: none"> Storage: 5% to 95% non-condensing |
| Certifications | <ul style="list-style-type: none"> FCC | <ul style="list-style-type: none"> CE |

¹ Maximum wireless signal rate derived from IEEE Standard 802.11ac and IEEE 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, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11ac devices.