

# AC1200 Wi-Fi Router

**S12**

## Key Features

- Wireless AC delivers a leap to gigabit-class Wi-Fi
- Dual-band (2.4 GHz/5 GHz) Wi-Fi with speeds up to 1,167 Mbps for web browsing, online learning, and streaming<sup>1,2</sup>
- Multiple antennas supporting multi-stream Wi-Fi ensure faster, more efficient connections for multiple devices simultaneously
- One gigabit WAN port and three gigabit LAN ports provide flexible wired connectivity
- Easily integrate into your existing network and expand Wi-Fi network through adjustable operation modes
- The latest WPA3 encryption provides the highest level of network protection
- Separate Wi-Fi guest zone for safe guest Wi-Fi access
- Compliant with EN 18031 security enhancements to meet the EU Radio Equipment Directive (RED) cybersecurity requirements
- Free D-Link SetupGo App provides fast, app-based setup



## User Benefits



### Wi-Fi 5 Technology

Dual-band Wi-Fi 5 delivers faster, more reliable gigabit-class speeds with reduced congestion compared to Wi-Fi 4



### Elevated Privacy

Guest zone enables visitors to connect easily while keeping your private network protected



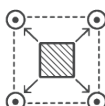
### Robust Network Protection

Safeguards your network with the latest Wi-Fi security protocols and cybersecurity certifications



### Gigabit Ports

Flexible connection options let you tailor your setup to your network layout and service plan



### Expandable Wi-Fi

Easily extend Wi-Fi coverage by configuring devices to different operation modes



### Fast Setup

Set up your Wi-Fi quickly with the D-Link SetupGo App

# Technical Specifications

| General                            |                                                                                                                                                                  |                                                                                                                         |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Device Interfaces                  | <ul style="list-style-type: none"><li>• 1 x Gigabit Ethernet WAN port</li><li>• 3 x Gigabit Ethernet LAN ports</li><li>• 1 x WPS button</li></ul>                | <ul style="list-style-type: none"><li>• 1 x Reset button</li><li>• 1 x Power connector</li></ul>                        |
| LED                                | Power, Internet status, 2.4 GHz Wi-Fi status, 5 GHz Wi-Fi status, WPS, LAN                                                                                       |                                                                                                                         |
| Antenna Type                       | <ul style="list-style-type: none"><li>• 2 x 2.4 GHz external antennas (5 dBi)</li><li>• 2 x 5 GHz external antennas (5 dBi)</li></ul>                            |                                                                                                                         |
| Wi-Fi Data Rate <sup>1,2</sup>     | <ul style="list-style-type: none"><li>• 2.4 GHz up to 300 Mbps</li><li>• 5 GHz up to 867 Mbps</li></ul>                                                          |                                                                                                                         |
| IEEE Standard                      | <ul style="list-style-type: none"><li>• 2.4 GHz: IEEE 802.11n/g/b</li><li>• 5 GHz: IEEE 802.11ac/n/a</li></ul>                                                   | <ul style="list-style-type: none"><li>• Ethernet: IEEE 802.3u/ab</li><li>• Wi-Fi Management: IEEE 802.11k/v/h</li></ul> |
| WAN Type                           | <ul style="list-style-type: none"><li>• Static IP</li><li>• Dynamic IP</li><li>• PPPoE</li></ul>                                                                 |                                                                                                                         |
| Functionality                      |                                                                                                                                                                  |                                                                                                                         |
| Security Protocol                  | <ul style="list-style-type: none"><li>• WPA-Personal</li><li>• WPA2-Personal</li></ul>                                                                           | <ul style="list-style-type: none"><li>• WPA3-Personal</li><li>• Wi-Fi Protected Setup (WPS)</li></ul>                   |
| Firewall                           | <ul style="list-style-type: none"><li>• Denial of Service (DoS)</li><li>• IP/MAC address filtering</li><li>• TCP/UDP filtering</li><li>• URL filtering</li></ul> | <ul style="list-style-type: none"><li>• 1 x DMZ</li><li>• Port forwarding</li><li>• Virtual server</li></ul>            |
| Access Control                     | <ul style="list-style-type: none"><li>• Guest zone</li></ul>                                                                                                     |                                                                                                                         |
| Dynamic DNS                        | <ul style="list-style-type: none"><li>• No-IP DDNS</li></ul>                                                                                                     | <ul style="list-style-type: none"><li>• Dyn DDNS</li></ul>                                                              |
| IP Multicast                       | IGMP version 2                                                                                                                                                   |                                                                                                                         |
| Protocols                          | <ul style="list-style-type: none"><li>• IPv4</li></ul>                                                                                                           | <ul style="list-style-type: none"><li>• IPv6</li></ul>                                                                  |
| Operation Modes                    | <ul style="list-style-type: none"><li>• Router mode</li><li>• Bridge mode</li><li>• Repeater mode</li></ul>                                                      |                                                                                                                         |
| Software                           |                                                                                                                                                                  |                                                                                                                         |
| Device Management                  | <ul style="list-style-type: none"><li>• D-Link SetupGo App (iOS and Android™)<sup>3</sup></li><li>• Web UI</li></ul>                                             |                                                                                                                         |
| Physical                           |                                                                                                                                                                  |                                                                                                                         |
| Hardware Version                   | A1                                                                                                                                                               |                                                                                                                         |
| Dimensions                         | 187.4 x 104.5 x 30.8 mm                                                                                                                                          |                                                                                                                         |
| Weight                             | 254.9 g                                                                                                                                                          |                                                                                                                         |
| Power Input                        | 12V/1A                                                                                                                                                           |                                                                                                                         |
| Max Power Consumption <sup>1</sup> | 12W                                                                                                                                                              |                                                                                                                         |
| Operating Temperature              | 0 to 40 °C                                                                                                                                                       |                                                                                                                         |
| Storage Temperature                | -20 to 65 °C                                                                                                                                                     |                                                                                                                         |
| Operating Humidity                 | 10% to 90% non-condensing                                                                                                                                        |                                                                                                                         |
| Storage Humidity                   | 5% to 95% non-condensing                                                                                                                                         |                                                                                                                         |
| Certifications                     | CE                                                                                                                                                               |                                                                                                                         |
| Package Contents                   |                                                                                                                                                                  |                                                                                                                         |
| S12                                | <ul style="list-style-type: none"><li>• AC1200 Wi-Fi Router (S12)</li><li>• Power Adapter</li></ul>                                                              | <ul style="list-style-type: none"><li>• Quick Installation Guide</li><li>• Ethernet Cable</li></ul>                     |

1. Maximum wireless signal rate derived from IEEE Standard 802.11ac/n/g/b/a specifications. Actual performance may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only.
2. Supported frequency bands are dependent on regional variants and may not be available in all markets.
3. Android is a trademark of Google LLC.
4. Specifications may be subject to change without prior notice.