

**DS-3WR12GC-E**  
**AC1200 Gigabit Wireless Router**



- AC1200M Dual-band WiFi5 wireless router
- APP Management
- Dual Band in One and 5G First

## ▪ Specification

| General                                 |                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Dimensions (W × H × D)          | 228.5mm×128.8mm×170.8mm(With antenna size )                                                                                                                                       |
| Package Dimensions (W × H × D)          | 247mm×225mm×55mm                                                                                                                                                                  |
| Net Weight                              | 0.237kg                                                                                                                                                                           |
| Gross Weight                            | 0.526kg                                                                                                                                                                           |
| Packing List                            | 1200Mbps Wi-Fi5 Router x 1<br>Power Supply Adaptor x 1<br>CAT5e Network Cable x 1<br>Quick Start Guide x 1<br>Regulatory Compliance and Safety Information x1<br>Product Flyer x1 |
| Packing Method                          | Single pack                                                                                                                                                                       |
| Working Temperature                     | 0 °C to 40 °C (32 °F to 104 °F )                                                                                                                                                  |
| Working Humidity                        | 10% to 90% RH non-condensing                                                                                                                                                      |
| Storage Humidity                        | 5% to 95% RH non-condensing                                                                                                                                                       |
| Storage Temperature                     | -40 °C to 70 °C (-40 °F to 158 °F )                                                                                                                                               |
| Installation Mode                       | Desktop installation                                                                                                                                                              |
| Wireless Parameter                      |                                                                                                                                                                                   |
| Max. Transmission Rate of Air Interface | ≤ 1200 Mbps<br>5GHz: 866Mbps<br>2.4GHz: 300Mbps                                                                                                                                   |
| Wireless Standard                       | IEEE 802.11a/n/ac @5GHz<br>IEEE 802.11b/g/n @2.4GHz                                                                                                                               |
| Working Frequency Band                  | 2.4 GHz , 5 GHz                                                                                                                                                                   |
| Wireless Range                          | Up to 1080 ft <sup>2</sup> /100 m <sup>2</sup><br>( Recommend coverage for home use, actual Wi-Fi range varies depending on the layout and wall materials )                       |
| Max. Connections                        | 128                                                                                                                                                                               |
| Recommended Connections                 | 40                                                                                                                                                                                |
| Transmitting Power                      | CE :<br>< 20 dBm(2.4GHz)<br>< 23 dBm(5GHz)                                                                                                                                        |
| Wireless Features                       | Dual Band Supported                                                                                                                                                               |
| Antenna Gain                            | 5 dBi                                                                                                                                                                             |
| Receiving Sensitivity                   | 5GHz:<br>-88dBm@11AC80-MCS0<br>-63dBm@11AC80-MCS9<br>2.4GHz:<br>-90dBm@HT40-MCS0<br>-71dBm@HT40-MCS7                                                                              |
| Antenna                                 | 4 high gain antennas                                                                                                                                                              |

| Hardware Parameter     |                                                                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network Interface      | 1 × 10/100/1000 Mbps WAN Port<br>3× 10/100/1000 Mbps LAN Ports                                                                                                                                                              |
| LED Indicator          | Power<br>WAN<br>LAN<br>2.4 GHz Wi-Fi<br>5 GHz Wi-Fi<br>WPS                                                                                                                                                                  |
| Button                 | Reset button, WPS Button                                                                                                                                                                                                    |
| RAM                    | 128MB DDR2                                                                                                                                                                                                                  |
| ROM                    | 128MB ( 1G ) NAND                                                                                                                                                                                                           |
| Power Supply Method    | Power Supply Adapter                                                                                                                                                                                                        |
| Power Specifications   | DC 12 V, 1 A                                                                                                                                                                                                                |
| Max. Power Consumption | ≤10 W                                                                                                                                                                                                                       |
| Software Function      |                                                                                                                                                                                                                             |
| Operating Mode         | Router Mode<br>Wireless Extender Mode<br>Access Point Mode                                                                                                                                                                  |
| WAN Mode               | DHCP<br>Static IP<br>PPPOE                                                                                                                                                                                                  |
| DHCP                   | DHCP Client List<br>DHCP Server                                                                                                                                                                                             |
| IP Version             | IPv4<br>IPv6                                                                                                                                                                                                                |
| Parental Control       | Speed Limit, Custom Profiles, Filter URL, Internet Access Period, Parental Control                                                                                                                                          |
| Firewall               | Forbid TCP SYNC flood attack, Forbid ICMP flood attack                                                                                                                                                                      |
| NAT Forwarding         | Port Mapping<br>DMZ<br>UPnP                                                                                                                                                                                                 |
| DDNS                   | Oray, No-IP, DynDNS                                                                                                                                                                                                         |
| Others                 | VLAN/IPTV, IGMP, Quick Diagnosis, WIFI Optimization, Ping/Tracert                                                                                                                                                           |
| Security Mode          | WPA2-PSK, WPA/WPA2-PSK supported                                                                                                                                                                                            |
| Security Mechanism     | Support fast and secure WPS connection<br>Support hiding wireless network name<br>Support controlling terminal network connection<br>Support firewalls<br>Login Authentication<br>VPN Client<br>Port Mapping<br>DMZ<br>UPNP |
| Management Method      | Web Control: PC, mobile<br>App Control: HPP, HC<br>TR069(TR098/TR181)                                                                                                                                                       |

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| Upgrade    | Web Upgarde<br>App Cloud Upgrade<br>Auto Upgrade                              |
| System Log | System log                                                                    |
| VPN        | PPTP Server,L2TP Server,L2TP Client,PPTP Client,OpenVPN Server,OpenVPN Client |
| Roaming    | 802.11k/v                                                                     |

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