# AC1700 WiFi Gigabit Router

## AC1700 Gigabit Router with Extended Range for Fast Internet Access

The MR1700 provides a high-speed intelligent link between all your local WiFi and Ethernet devices and whatever Ethernet-capable modem you choose for Internet access.

The MR1700 connects via WiFi or Gigabit Ethernet to all your HDTVs, smartphones, game stations, computers, tablets, and more. The MR1700's WiFi delivers very high speeds even when you're far from your router or surrounded by WiFi noise from neighbors. Router features include a user-friendly firewall, dual-band WiFi, parental controls, guest network capability, and more.

Setup is fast and easy using a simple Quick Start Guide. And if you do need support, our US-based specialists are easy to reach by phone or email.

## Advanced WiFi

The MR1700 features 6 external adjustable antennas for advanced WiFi performance. Because the 2.4 GHZ frequency provides the greatest WiFi range, the MR1700 features four antennas to support 2.4 GHz and provide extended reach at high speeds.

## Great for:

**Video Streaming**
Netflix®, YouTube®, Amazon™, and other video streaming services can be delivered to many devices at the same time through the MR1700's four GigE LAN ports or through WiFi.

**Gaming**
Enjoy high performance with supercharged AC1700 WiFi, a high-speed dual core router processor, automatic traffic prioritization, and more.

## Specifications

### WiFi Technology
- 802.11ac/n/g/b/a, 4x4 MIMO (Multiple Input Multiple Output)

### WiFi Speed and Performance
- Simultaneous Dual Band radios
- Up to 800 Mbps* at 2.4 GHz
- Up to 867 Mbps* at 5 GHz
- Implicit beamforming with any 2.4 GHz WiFi compatible device
- Four (4) SSIDs

### Wireless Standards
- IEEE 802.11 ac, n, g, b, and a

### Antennas
- Six (6) adjustable external antennas
- Transmit power: Up to 24dBm

### Ethernet Interface
- RJ45 10/100/1000 Mbps Ethernet ports (4 LAN and 1 WAN), with Auto-MDI/MDIX

### Networking and Security Features
- Dynamic DNS
- DHCP Server and Client
- Support for up to 253 client devices
- SPI and NAT double firewall protection
- DoS (Denial of Service) attack protection
- Port Forwarding/DMZ support
- IP filtering
- VPN passthrough
- Parental Control
- Wireless Functions: Guest Network, WMM
- Wireless Security: WPA2-PSK
- QoS (Quality of Service)
- Password protected system management
- Diagnostic log

### Processor
- Dual-core

### Operating Parameters
- DHCP Client: Automatically retrieves IP and DNS server address from DHCP server through WAN connection

### Management
- Web-based management interface utility

### LED
- Status LED on top of unit. Solid light indicates unit is powered on and connected to the Internet. Blinking light indicates unit is powered on but not connected to the Internet.

### Dimensions
- Not including antennas:
  8 ⅜" wide x 5 ⅜" deep x 1 ⅜" tall
  (213 mm x 136 mm x 35 mm)
- Including antennas:
  9 ½" wide x 5 ⅞" deep x 6 ⅓" tall
  (240 mm x 150 mm x 160 mm)

### Weight
- 14.5 ounces (410 grams)

### Power Adapter
- Energy-efficient 12 Volt, 1.5 Amp power adapter with superior surge protection and 100-240VAC universal input
- Adapter style provided:
  – US (SKU # MR1700-10): 2-prong UL-listed NEMA 1-15 Type A
  – UK (SKU # MR1700-72): 3-prong CE-certified BS1363 Type G
  – EU (SKU # MR1700-70): 2-prong CE-certified Euro plug Type C

### Operating Temperature
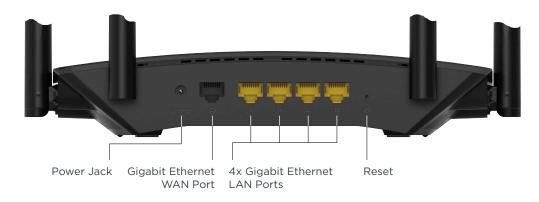- 32° to 104° F (0° to 40° C)

### Certifications
- FCC 15B, 15C, 15E, and MPE, CE, Bureau Veritas 60950-1 ITE safety

### Warranty
- Two years

## Router Back Diagram

Power Jack    Gigabit Ethernet WAN Port    4x Gigabit Ethernet LAN Ports    Reset

## System Requirements

• Directly connected devices, such as computers, HDTVs, and game stations, must have an Ethernet port.

• Devices connected wirelessly must have wireless ac, n, a, g, or b capability.

## Package Contents

• AC1700 Gigabit WiFi Router
• Power Cube
• Ethernet Cable
• Quick Start Flyer

\* 1700 Mbps is the maximum wireless data rate derived from IEEE standard 802.11 specifications. Actual data throughput will be lower due to distance from router, interference from neighboring wireless devices, walls, and other factors. The 1700 Mbps maximum speed is derived from 800 Mbps maximum on the 2.4 GHz band, assuming 256 QAM support on the WiFi client, and 867 Mbps maximum on the 5 GHz band when connecting to other 867 Mbps capable devices.

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Model MR1700