

300Mbps High Gain Wireless USB Adapter

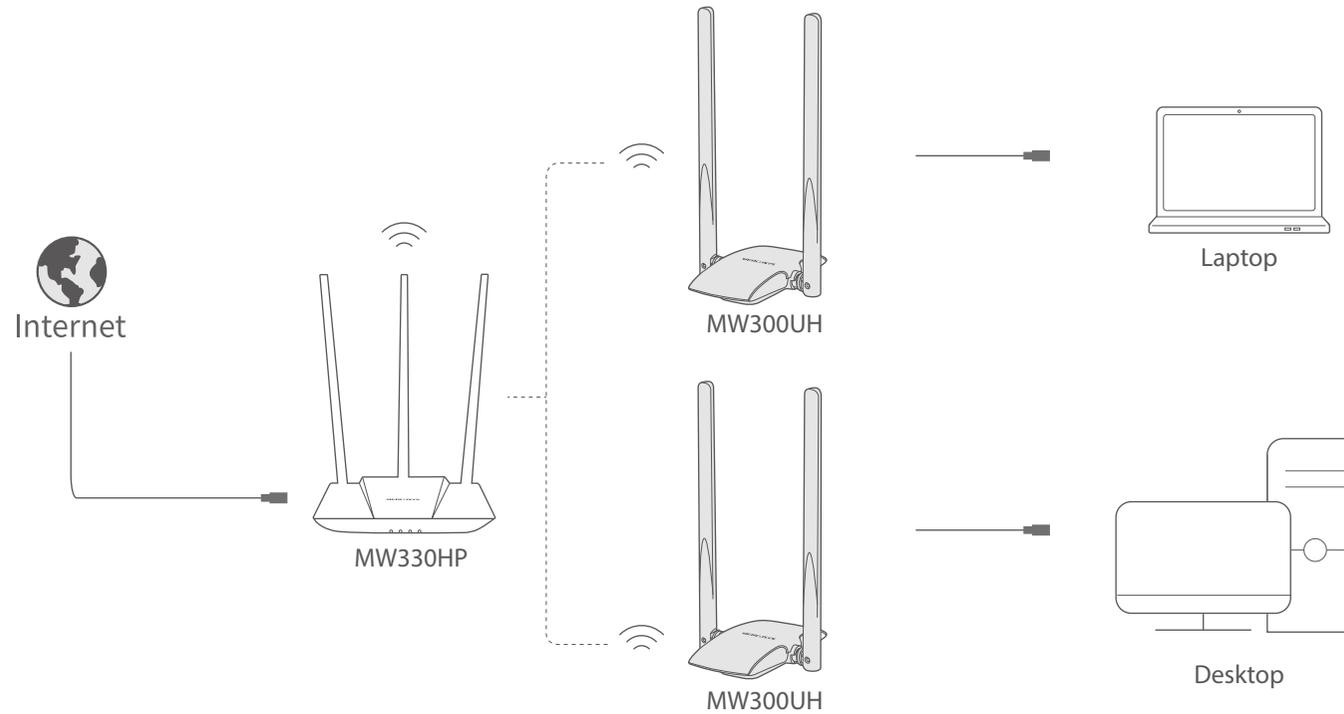
Model: MW300UH

// Highlights

- Upgrade your desktop or laptop with a 300 Mbps Wi-Fi connection to meet all your network needs faster
- Two 5dBi high gain antennas deliver enhanced reception and transmission performance
- Supports Windows 10/8.1/8/7/XP (32/64bit)



// Connections



// Specifications

Physical Specifications

Interface

Micro USB 2.0

Dimensions (W x D x H)

4.46 × 2.51 × 0.85 in
(113.2 × 63.8 × 21.7 mm)
(without antennas)

Antenna

External

Package Contents

- 300Mbps High Gain Wireless USB Adapter MW300UH
- Quick Installation Guide
- Resource CD
- USB Cable

Wireless Specifications

Wireless Standards

IEEE 802.11b/g/n

Frequency

2.400-2.4835 GHz

EIRP

<20dBm (EIRP)

Wireless Security

TKIP/AES, WEP, WPA/WPA2, WPA-PSK/WPA2-PSK

Environment

- Operating temperature: 0°C ~ 40°C (32°F ~ 104°F)
- Storage temperature: -40°C ~ 70°C (-40°F ~ 158°F)
- Operating humidity: 10% ~ 90% Non-Condensing
- Storage humidity: 5% ~ 90% Non-Condensing

Signal Rate

- 11n: Up to 300 Mbps (Dynamic)
- 11g: Up to 54 Mbps (Dynamic)
- 11b: Up to 11 Mbps (Dynamic)

Reception Sensitivity

- 300M: -68 dBm@10% PER
- 270M: -68 dBm@10% PER
- 144M: -71 dBm@10% PER
- 130M: -71 dBm@10% PER
- 54M: -74 dBm@10% PER
- 11M: -86 dBm@8% PER
- 6M: -90 dBm@10% PER
- 1M: -94 dBm@8% PER

Specifications are subject to change without notice. MERCUSYS is a registered trademark of MERCUSYS TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2019 MERCUSYS TECHNOLOGIES CO., LTD. All rights reserved.

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) AP limitations, including rated performance, location, connection quality, and AP condition.