



**SKU** WR300N

**SYSTEM BUILDER SKU**

**PRODUCT** DIAMOND WR300N 300Mbps 802.11n Wireless Repeater, Range Extender, Wireless Access Point and Wireless Bridge Device

**PRODUCT DETAILED DESCRIPTION** The Diamond Multimedia WR300N Portable Wireless-N Repeater supports wireless 802.11b/g/n standards with one 10/100Base-T Ethernet port.

The WR300N is designed with MIMO technology to extend the reach of any existing wireless router/AP to maximize the coverage in your home or office. It basically receives the signal from your wireless router/AP and repeats it to extend the range to farther locations that are previously unreachable.

Equipped with 64/128-bit WEP, WIFI Protected Access (WPA), and the latest WPA2 encryption with TKIP and AES algorithm to protect your wireless network from unauthorized access.

MAC Address Filtering for wireless links provides an additional layer of security for your wireless network. The device comes with 1 x 10/100M Auto MDI/MDIX Ethernet port that can be used to connect to an existing wired network to serve as a wireless AP or wireless bridge. It can also be used to configure the device via its web-based GUI, or upgrade the firmware when connected to the Network Interface Card of your PC.

**PRODUCT FEATURES**

**3 in 1 device**

**Wireless Repeater and Range Extender**

Receives weak wireless signals and extends the signal range to greater distances eliminating wireless dead spots.

**Standalone Wireless Access Point**

Create a wireless network by connecting the device to a wired router/cable modem or DSL modem. This small compact portable device can create wireless connectivity where ever you go. Use in your hotel room and turn a wired internet connection into a wireless internet connection.

**Wireless Bridge Device**

Receives wireless signal from your home wireless network and convert to wired Ethernet connections for non wireless devices such as internet ready HDTV's, gaming consoles (PS3) and internet ready blue ray players.

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**PRODUCT SPECIFICATIONS**

- Protocol/Standards/Support: Wireless IEEE802.11n, IEEE802.11b/g Ethernet IEEE 802.3 10/100, IEEE802.3u, IEEE802.3ab
- Network Support: OFDM 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO Modulation Scheme Wireless
- Security Support: Wireless: 64/128-bit WEP, WPA, WPA2
- Operating System: OS Independent with TCP/IP protocol installed

**SYSTEM REQUIREMENT**

<b>EXTERNAL POWER REQUIREMENT</b>	
CPU	
CPU SPEED	
MEMORY	N/A
HARD DISK	10MB
SYSTEM BUS	N/A
SLOT	N/A
CHASSIS	
MONITOR	NA
INTERNET ACCESS	NO
USB	
CD DVD	YES
POWER SUPPLY	NA

**OPERATING SYSTEM**

WINDOWS-7-32 WINDOWS-7-64 WINXP WINXP64 WINVISTA32 WINVISTA64 MCE WIN2000 WIN2003  
 LINUX32 LINUX64 MAC OSX

**FORM FACTOR**

**DIMENSIONS**

[PRODUCT] : 4.1 x 2.3 x 2.0 inches [RETAIL BOX] : 9.0 x 7.0 x 3.25 inches [S BUILDER] :

**WEIGHT**

[PRODUCT WEIGHT] : .30 lbs [PRODUCT WITH CONTENT WEIGHT] : 1.0 lbs

**UPC**

RETAIL PACKAGE UPC : 757448021417

**PACKAGE CONTENT**

- DIAMOND WR300N
- LAN CABLE
- INSTALL CD

- QUICK START GUIDE

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**PRODUCT WEBPAGE**

<http://www.diamondmm.com/WR300N.php>  
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**PRODUCT NOTES**

**California Health & Safety Notice** : The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.  
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