

## Hi-Gain™ Wireless 300N Router with Range Amplifier

MODEL: HAWNR3



### PACKAGE CONTENTS:

- Hi-Gain™ Wireless 300N Router with Range Amplifier
- Two 3dBi Hi-Gain Omni Directional Antennas
- One Mac/PC CD
- One RJ-45 Ethernet Cable
- One Power Adapter
- Easy to follow Quick Installation Guide

Go online and instantly share your internet access between computers in your home or office! The performance of most standard routers (strength & data) decrease significantly past a coverage radius of 200 feet. The HAWNR3 Wireless 300N Router has a built-in range amplifier and uses Hi-Gain Technology to expand this coverage radius and boost WiFi performance. With up to 6X the transfer speed and up to 300% the distance of a standard Wireless-G network, the HAWNR3 Router makes downloading multimedia files or data more enjoyable.

Along with wireless connectivity, the HAWNR3 has 4 wired 10/100Mbps Ethernet ports for connecting your computers that do not have wireless access. It also offers the latest in wireless security, ensuring that your files and network are safe from outside intruders. Installation of the HAWNR3 is simple and straight forward. Just open your web browser and log into the secure setup page to setup the router in minutes.

For additional wireless range coverage, the HAWNR3 features two removable antennas for quick and easy antenna upgrade. The HAWNR3 Router is compatible with all Hawking Hi-Gain Wireless Antennas – select one that fits your wireless needs.

### FEATURES

- Instantly share a broadband Internet connection with up to 253 users
- High power output, of up to 500mW compared to a standard 50mW
- Ultra-Fast Data Transfer speeds and Superior Wireless Range using Hi-Gain™ Technology
- Supports 2.4GHz Wireless 801.11 b/g/n network capability allowing for data transfer speeds of up to 300Mbps!
- 64/128-bit WEP, WPA, and WPA2 wireless data encryption.
- MAC address filtering (Only allow specific wireless device of your choice to connect to this access point).
- Four wired LAN ports and one wired WAN port (10/100M)
- Auto MDI / MDI-X function for all wired Ethernet ports.
- Support DHCP (Server/Client) for easy IP-address setup.
- Allows you to monitor the access point's status: DHCP Client Log, System Log, Security Log and Device/Connection

### SYSTEM REQUIREMENTS

- Computer or network device(s) with wired or wireless network interface card.
- Web browser (Microsoft Internet Explorer 4.0 or above, Netscape Navigator 4.7 or above, Opera web browser, Mozilla Firefox web browser or Safari web browser).
- An available AC power socket (100 – 240 V, 50/60Hz)



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## SPECIFICATIONS:

Standard: IEEE 802.11 b/g/n  
Frequency Band: 2.4000-2.4835 GHz  
Security: WEP 64/128, WPA, WPA2, IEEE802.1

Hardware  
CPU + Wireless Chipsets: Realtek  
RTL8196C+RTL8192CE  
Flash: 2MB  
SDRAM: 16MB  
WAN Ports: 10/100M UTP Port x 1  
LAN Ports: 10/100M UTP Port x 4  
Antenna: 2x 3dBi Dipole antennas  
Power: 12VDC, 1A Switching Power Adapter  
Output Power spec:  
11n (40MHz)@MCS15: 23+/-1.5dBm  
11n (20MHz)@MCS15: 23+/-1.5dBm  
11g@54Mbps: 23+/-1.5dBm  
11b@11Mbps: 26+/-1.5dBm  
Receive Sensitivity spec:  
11n (40MHz)@MCS15: -69+/-2dBm  
11n (20MHz)@MCS15: -73+/-2dBm  
11g@54Mbps: -78+/-2dBm  
11b@11Mbps: -89+/-2dBm

Weight: 0.42 lbs (Body only)  
Dimension: 6 x 4.1 x 1.1 inches  
Temperature: 32~104°F (0 ~ 40°C)  
Humidity: 10-90% (NonCondensing)  
Certification: FCC, CE

Allows quick and easy upgrade for long range wireless environments.

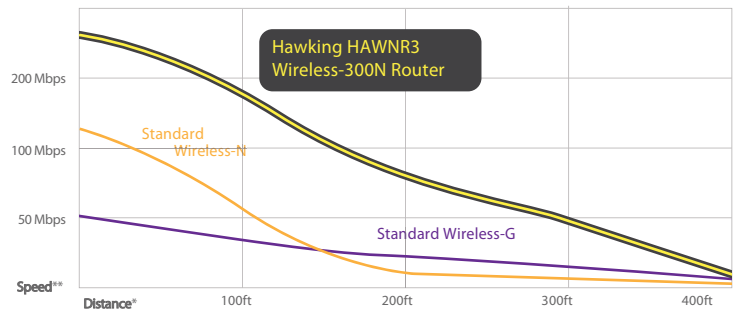


Power Amplifier reduces WiFi interference to optimize your wireless signal.



## PERFORMANCE GUIDE

The performance of most standard routers (strength & data transfer) decrease significantly past a coverage radius of 200 feet. The HAWNR3 Router has a built-in range amplifier and Hi-Gain Technology to expand its coverage radius and boost WiFi performance. As a result, the HAWNR3 reduces wireless deadspots and allows WiFi enabled devices to roam freely.



\*\*Actual Range and Speed may vary depending on your operating environment

Hawking HAWNR3 Wireless Network



Standard Wireless Network



Wireless Connection



Wired Connection

