

## High Power Wireless-N 600mW Smart Router

R10000

The Amped Wireless High Power Wireless-N 600mW Smart Router provides long range, high performance wireless Internet access over extreme distances. The R10000 is equipped with advanced dual 600mW wireless amplifiers and 5dBi detachable high gain antennas to provide up to 10,000 sq. ft. of high performance Wi-Fi coverage. The Premium Series Smart Router features ultra-fast MIMO Wi-Fi speeds for lag free delivery of HD media, large data files and multiplayer gaming over your network. The High Power Router is great for providing extreme range Wi-Fi coverage in large homes (and backyards), multi-floor offices or warehouses.



PREMIUM  
WIRELESS COVERAGE

10,000 SQ FT\*

GREAT FOR



LARGE HOMES



OFFICES

### Key Features



#### Extreme Range

Provide wireless internet access over large areas (up to 10,000 sq ft)



#### Ultra Powerful

Dual 600mW amplifiers and 5dBi antennas penetrate walls and eliminate Wi-Fi dead spots



#### Guest Networks

Create wireless networks for guests with restricted access to the Internet



#### Wi-Fi Coverage and Security

Adjust the amount of Wi-Fi coverage available Supports WPS One Touch Setup, WPA, WPA2



#### Parental / Security Features

Block websites, set schedules for wireless access and grant access to specific users



#### Prioritize Bandwidth (QoS)

Eliminate lag for games, VoIP and streaming



#### Smart Firewall

Protect your network from intruders

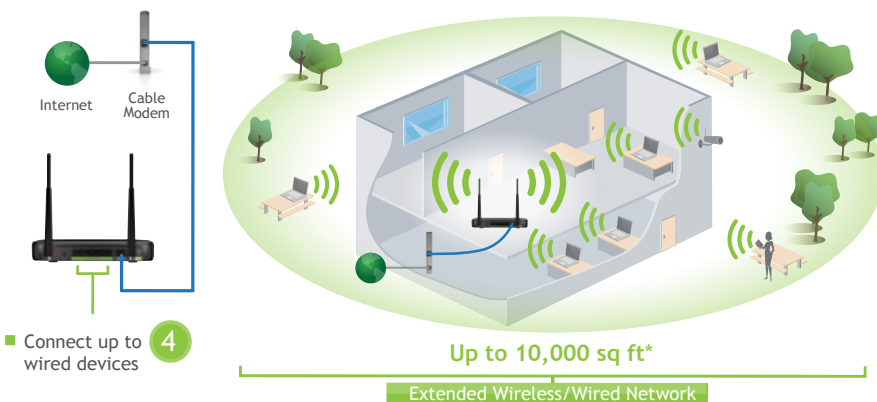


#### Upgradable Antennas

Get even more range with high gain antennas

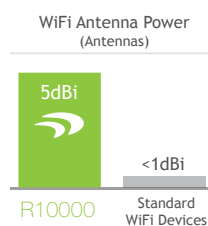
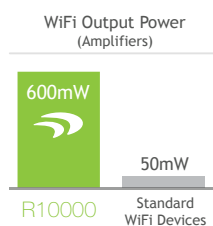
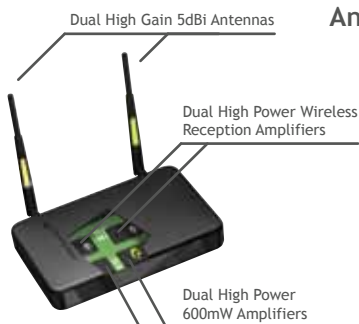
### How it Works:

The High Power Wireless-N 600mW Smart Router shares a broadband Internet connection with wired computers and delivers extreme wireless coverage over 10,000 sq ft.\*



### Advanced Amped Technology:

#### High Power Dual Amplifiers and Antennas boost WiFi performance



mW = Milliwatt (Output Power Measurement)  
dBi = Decibels (Antenna Gain Measurement)



### Smart Setup Wizard

- 1 Connect the High Power Router to your modem
- 2 Connect your computer to the High Power Router
- 3 Run the Smart Setup Wizard

## Product Feature Set & Performance Comparison:

	Standard Wi-Fi Router	Premium Series Smart Router R10000	Premium Series Gigabit Router R10000G
<b>SPEED PERFORMANCE</b>			
150Mbps Wireless-N Data Speeds	●		
300Mbps Wireless-N Data Speeds		●	●
<b>OUTPUT POWER/ COVERAGE</b>			
50mW/1000 sq ft	●		
600mW/10000 sq ft		●	●
<b>ANTENNAS</b>			
Internal - No Gain	●		
External - High Gain		●	●
Upgradable Antennas		●	●
<b>SMART FEATURES</b>			
Adjustable WiFi Coverage		●	●
Smart Firewall and Quality of Service		●	●
User Access Scheduling		●	●
Website Viewing Restrictions		●	●
Gigabit Ports & Power Processor			●
<b>GREAT FOR...</b>			
Web Browsing / Email	●	●	●
Music Streaming		●	●
Video Streaming		●	●
Fast Data Transfer		●	●
Gaming		●	●
Large Homes / Offices		●	●

## Technical Specifications:

Wireless Standard: 802.11n, 802.11b/g

Frequency Band: 2.4 GHz

Wireless Speed: 300Mbps (Rx), 300Mbps (Tx)

Amplifier: Dual 600mW Amplifiers  
Dual Low Noise Amplifiers

Wireless Sensitivity: -94dBm

Wireless Output Power: Up to 28 dBm

Wireless Security: WEP, WPA, WPA2, WPA Mixed, WPS

Wireless Access Scheduling: Specific day and time

Wireless Coverage Control: 15% - 100% Output Power

Guest Wireless Networks (Up to 4 Additional)

Supports Wireless Multimedia (WMM)

Smart Firewall (SPI, NAT)

Parental Controls (Website Blocking)

Users Access Control (MAC, IP Filtering)

Quality of Service (QoS)

Antennas:

- 2 x Detachable High Gain 5dBi Antennas
- 2 x Reverse SMA Connectors

Ports:

- 1 x RJ-45 WAN Port (Modem Port)
- 4 x RJ-45 LAN Ports (Additional wired connections)

Mounting:

- Wall, Stand or Desktop

Warranty: 1 Year

## Setup Requirements:

Broadband Internet (i.e. Cable or DSL) connection. Computer with wired or wireless network adapter.

## Product Contents:

High Power Wireless-N 600mW Smart Router

Two Detachable 5dBi High Gain Antenna

2 x RJ-45 Ethernet Cable

Setup Guide

CD: User's Manual, Installation Video

Stand for vertical mounting

Specifications are subject to change without notice.

\* Range specifications are based on independent test results. Actual performance may vary due to differences in operating environments, building materials and wireless obstructions. Performance may increase or decrease over the stated specification. Wireless coverage claims are used only as a reference and are not guaranteed as each wireless network is uniquely different.

Designed by Amped Wireless in the USA

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