



WR-1

802.11ac Wireless Router
with BakPak Lite



BakPak
Enabled

QUICK START GUIDE

Introduction

The Pakedge WR-1 Wireless Router with BakPak Lite gives you the convenience of a high-throughput wired router integrated with an 802.11ac Wave 2 wireless access point. The router has advanced features like port forwarding and static routes, while also supporting UPnP for simple compatibility with common consumer devices. The WR-1 also integrates BakPak Lite, which means that you can access the power of BakPak to monitor your WR-1 from anywhere in the world.

Key features:

- BakPak Lite built in: Manage the WR-1 from the standard BakPak interface.
- 500+ Mbps WAN-to-LAN firewall throughput
- Secure VPN: Support for PPTP and OpenVPN
- BakPakDDNS: Free Dynamic DNS service built in
- 802.11ac Wave 2 2x2 wireless
- Simple-to-use web GUI

Package contents

- (1) WR-1 Router
- (1) Power adapter
- (1) Quick Start Guide
- (1) Ethernet cable

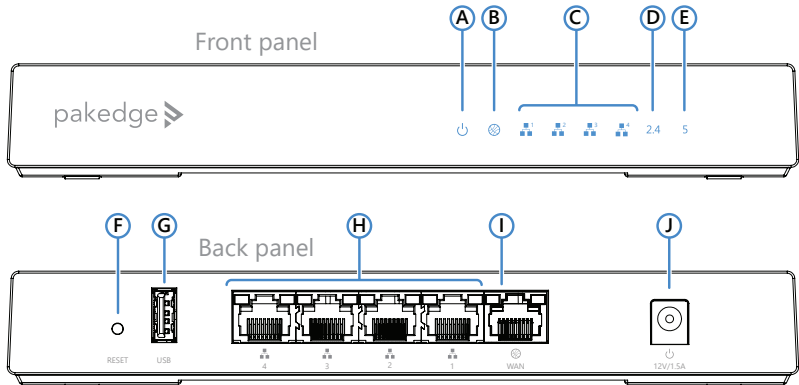
User guide

- For more detailed instructions for this device and for BakPak Lite, refer to the *WR-1 User Guide* (pkdge.co/wr1-ug).

Specifications

- System requirements: Windows or Mac PC with an Ethernet interface.

Overview



A Power

B Internet

C LAN port activity

D 2.4 GHz active

E 5 GHz active

F RESET button

G USB port

H LAN ports

I WAN (to modem/Internet) port

J Power connector

Installing

Tools required:

- Computer with Ethernet interface and a web browser
- Ethernet cable

To install the unit:

- 1** Open the box and remove the WR-1.
- 2** Ensure that the unit is physically mounted away from obstructions that could interfere with the wireless signal, such as metal racks or other wireless transmitting electronic devices.
- 3** Connect an Ethernet cable from your ISP modem to the **WAN** port on the WR-1.
- 4** Connect power to the WR-1.

You are now ready to configure the unit to allow Internet access and register with BakPak Lite.

Logging in

- 1 After power is connected and a computer is connected to the LAN port, enter the WR-1's IP address into the address bar of your web browser. A login screen opens.
Default settings: The IP address will be automatically set to **192.168.1.1**.
- 2 Type your user name and password, then click **Login**. (The default username is **admin** and the password is **admin**.)

The *Quick Setup* page appears. The *WR-1 Quick Setup* page lets you configure your network's basic settings. Upon first login, a password change is required.

After the Quick Setup page, you are returned to the Dashboard, where you can see all of the router's configuration menus.

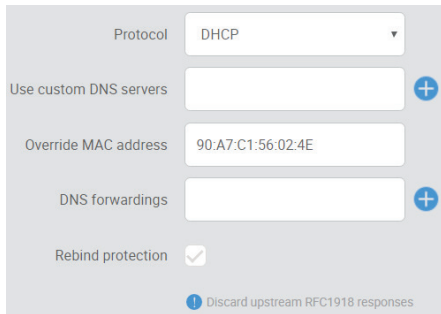
The screenshot displays the router's Dashboard interface. At the top, there are four circular status indicators: 'Quick Setup' (empty), 'BakPak' (empty), 'CPU Usage' (100%), and 'Memory Usage' (100%). Below these is the 'Dashboard' title and a placeholder for a description. The main content area is titled 'Device / Network Information' and contains a table of system details:

Device / Network Information			
Your Description for the section goes here			
MODEL WR-1	SERIAL WR-1T091411047	UPTIME 395d 24h 60m 60s	DATE Tue 01/31/2017
LAN IP ADDRESS 999.999.999.999	SUBNET MASK 999.999.999.999	MAC ADDRESS 2.4 GHZ 99.WW.WW.99.99.WW	MAC ADDRESS 5.0 GHZ 99.WW.WW.99.99.WW

Below the table is a section for 'Connected Clients' with a placeholder for a description.

Quick setup: WAN zone options

DHCP



The screenshot shows a configuration panel for the WAN zone with the following settings:

- Protocol:** DHCP (selected in a dropdown menu)
- Use custom DNS servers:** An empty text input field with a blue plus icon to its right.
- Override MAC address:** 90:A7:C1:56:02:4E
- DNS forwardings:** An empty text input field with a blue plus icon to its right.
- Rebind protection:** Checked (checkbox with a checkmark)
- Discard upstream RFC1918 responses:** A blue information icon followed by the text "Discard upstream RFC1918 responses".

By default, the wireless router will connect to the Internet using DHCP. If your ISP uses DHCP, you may need to reset the modem to get Internet access.





Static IP

The image shows a network configuration panel with the following fields and options:

- Protocol:** A dropdown menu set to "Static address".
- IPv4 address:** An empty text input field.
- IPv4 subnet mask:** A dropdown menu showing "-- Please choose --".
- IPv4 gateway:** An empty text input field.
- Use custom DNS servers:** An empty text input field with a blue plus icon to its right.
- Override MAC address:** A text input field containing "90:A7:C1:56:02:4E".
- DNS forwardings:** An empty text input field with a blue plus icon to its right.
- Rebind protection:** A checked checkbox.
- Footer:** A blue information icon followed by the text "Discard upstream RFC1918 responses".

If your ISP uses static IP, enter the **IPv4 address**, **IPv4 subnet mask**, **IPv4 gateway**, and DNS server provided by your ISP. Select **Custom** from the *Subnet mask* drop-down menu to enter a custom subnet mask.

PPPoE

Protocol	PPPoE
PAP/CHAP username	<input type="text"/>
PAP/CHAP password	<input type="password"/> 
Use custom DNS servers	<input type="text"/> 
MTU	1492
Override MAC address	90:A7:C1:56:02:4E
DNS forwardings	<input type="text"/> 
Rebind protection	<input checked="" type="checkbox"/>
 Discard upstream RFC1918 responses	

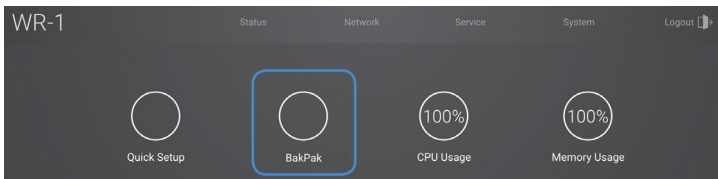
If your ISP uses PPPoE, enter the username that the ISP assigned under the **PAP/CHAP username** field. Enter the password in the **PAP/CHAP password** field. For the **Use custom DNS servers** field, enter the DNS server you would like to use. For example, you can use **8.8.8.8**.

Registering your WR-1 with BakPak Lite

You can connect your WR-1 to your existing BakPak account or create a new account to manage all of your BakPak network management agents.

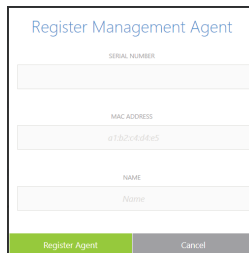
To register your WR-1 to your BakPak account:

- 1 In the Dashboard, click **BakPak**.



The *BakPak Registration* page opens.

- 2 Follow the on-screen instructions to complete your device registration.

A screenshot of the 'Register Management Agent' form. The form has a title 'Register Management Agent' in blue. It contains three input fields: 'SERIAL NUMBER', 'MAC ADDRESS' (with the value 'a1b2c3d4e5'), and 'NAME' (with the placeholder 'Name'). At the bottom, there are two buttons: 'Register Agent' (green) and 'Cancel' (grey).

After you log in and BakPak Lite has been registered, the dashboard opens.

WR-1
192.168.1.11 / 90: [redacted]
Uptime 3 d 2 h 36 m 3 s

Device information Zone settings SSID configuration Firmware Notes Access points Events

SYSTEM NAME
WR-1

LAST UPDATED
now

FIRMWARE VERSION
0.82

40%
cpu

40%
Memory

Speed Test

Last Updated
Mon Jul 24 2017 15:31:16
GMT-0700 (Pacific Daylight
Time)
Download
N/A
Upload
N/A

Reboot

Technical Support

For technical help:

www.pakedge.com
support@pakedge.com
(650) 385-8703

For non-technical inquires:

customerservice@pakedge.com
(650) 385-8701

For regulatory information:

www.pakedge.com/regulatory



11734 Election Road, Draper, UT 84020
Main: (650) 385-8700 Fax: (650) 685-5520

www.pakedge.com
sales@pakedge.com
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DOC-00273-B 2017-09-01 MS