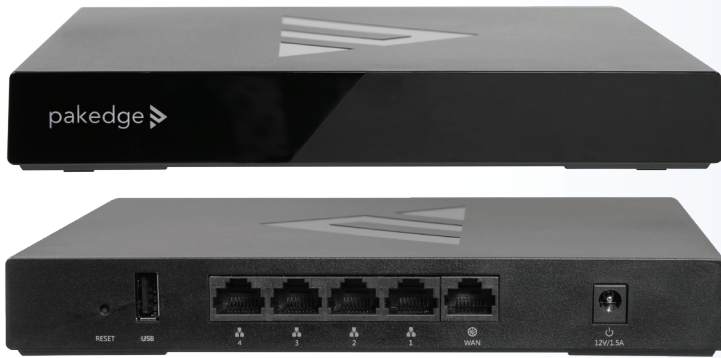


Pakedge® WR-1 Wireless Router with BakPak® Lite



Pakedge® WR-1 Wireless Router with BakPak® Lite

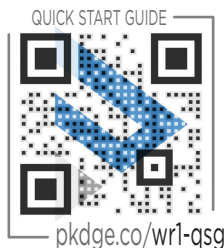
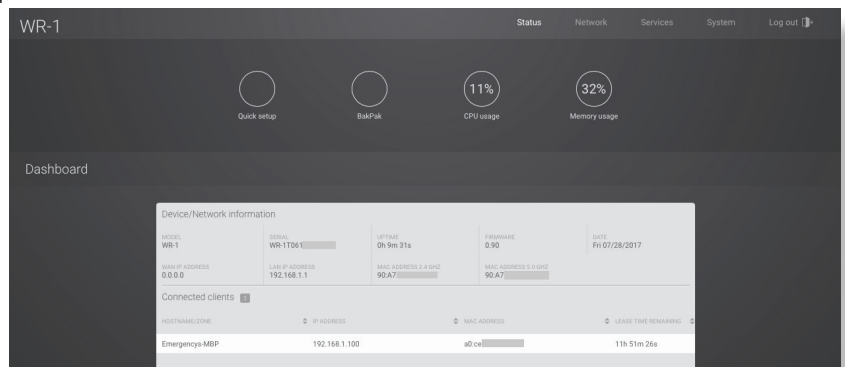
The Pakedge WR-1 with BakPak Lite is a powerful, high-performance wireless router designed for today's small connected home. The WR-1 combines high-speed routing and advanced wireless technology to meet the demands of today's connected home and delivers an exceptional experience at an affordable price.

Delivering 500 Mbps of WAN-to-LAN throughput, dual-band 802.11ac wireless, 2x2 MIMO antenna arrays for data rates of up to 1200 Mbps, and advanced 802.11ac Wave 2 MU-MIMO with beamforming technology, the WR-1 wireless router is engineered to deliver a consistent, performance-driven wireless experience that customers with a small home can depend on.

Using the quick start setup wizard, you can have your customers up and running in minutes. If your customer's home requires additional coverage, use the WR-1 to seamlessly push the configuration to up to two additional WAPs. WR-1 also delivers secure remote access (OpenVPN and Pakedge DDNS), the latest security encryption, and advanced wireless features to ensure better performance for even the most latency-sensitive audio/video streaming applications.

The WR-1 is available as a single SKU (WR-1) or a 5-pack (WR-1-5PACK) and comes with a three-year warranty.

Quick setup wizard



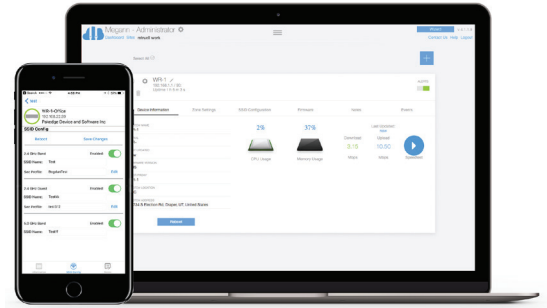
Pakedge® WR-1 Wireless Router with BakPak® Lite

Introducing BakPak® Lite

BakPak Lite is designed to provide remote cloud monitoring and configuration to the WR-1 Wireless Router. Using BakPak, you can remotely monitor and configure your customer's WR-1 without having to roll a truck. In just a few clicks, register your WR-1 with your new or existing BakPak account and configure secure remote access to your WR-1 using the built-in BakPak DDNS and VPN to start managing your customer's network remotely and securely.

BakPak features available with the WR-1 include:

- **Remote monitoring and configuration for the WR-1** — Using your mobile phone or the BakPak web interface, remotely configure WR-1 wireless settings, including LAN and SSIDs, security profiles, and the guest network.
- **Real-time alerts** — Receive WR-1 online/offline status notifications through text, email, and the BakPak app.
- **Real-time and historical analytics** — Monitor the health of the Internet connection and speed tests with event logs. Select a date range to review saved Internet speed tests and event logs for faster troubleshooting.
- **Remote WR-1 reboot** — Remotely power cycle the WR-1 to keep the network running smoothly.
- **Single BakPak dashboard** — Monitor all of your customers' networks under "one virtual roof," your BakPak dashboard. View your customers' sites from a list view or geographic map view that shows the health and location of each customer's network.
- **Mobile management** — Monitor, configure, reboot, and receive alerts for the WR-1 using the BakPak app.



BakPak key feature comparison

Below is a quick reference showcasing the key BakPak features supported by Pakedge devices with BakPak included.



WR-1 Wireless Router
(BakPak Lite)

RK-1 Router
(BakPak)

NK-1 Wireless Controller
(BakPak)

	WR-1 only	All connected devices	All connected devices
Device monitoring and management	WR-1 only	All connected devices	All connected devices
IoT device monitoring	✗	✓	✓
Secure remote login to network devices	OpenVPN or Pakedge DDNS required for WR-1	Yes (secure login with LavaTunnel* or OpenVPN and Pakedge DDNS, not required)	Yes (secure login with LavaTunnel* or OpenVPN and Pakedge DDNS, not required)
Secure remote login to IP-connected devices	✗	Yes (secure login with LavaTunnel*)	Yes (secure login with LavaTunnel*)
Remote power cycle	WR-1 only	All Pakedge devices, PoE+/PDU-connected devices**	All Pakedge devices, PoE+/PDU-connected devices**
Real-time alerts	WR-1 online/offline status	All connected devices by priority	All connected devices by priority
Configure wireless settings	✓	✗	✓ (Remote login required)
Monitor Control4 ZigBee/Z-Wave devices	✗	✓	✓
Cloud firmware update	WR-1 only	Yes, all Pakedge devices	Yes, all Pakedge devices
Single dashboard for all sites	✓	✓	✓
Geographic map view	✓	✓	✓

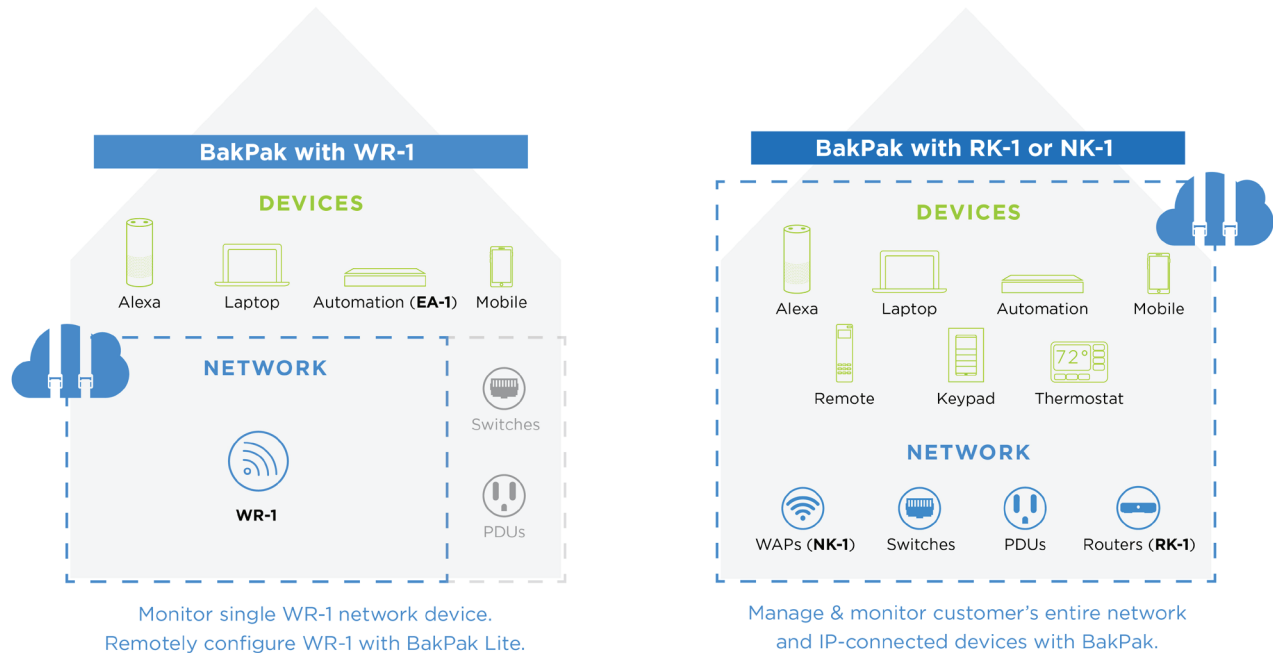
*BakPak supports secure login ("LavaTunnel") into any network-connected device. Services include HTTP, HTTPS, Telnet, SSH, and RDP.

**Remote power cycle devices connected to the PoE+ ports on Pakedge SX Series switches and AC ports on Pakedge power distribution units (PDUs).

Pakedge® WR-1 Wireless Router with BakPak® Lite

BakPak for every size home

With BakPak, we are making it easier for you to deliver first-class customer service to every customer. With the addition of the WR-1 Wireless Router to the lineup of BakPak-included Pakedge products, you now have the flexibility to deliver BakPak to any size project, big or small. The addition of BakPak into every home will help you keep your customers happy with better insight and more control over their networks.



Complete network management and monitoring with BakPak

BakPak is a powerful remote management and monitoring system designed to help you proactively manage, monitor, configure, and troubleshoot your customer's network. With BakPak, you can eliminate service calls and save your company time and money by integrating BakPak into every project. BakPak offers a portfolio of management, configuration, and monitoring tools to help you keep your customer's network running smoothly. The complete portfolio of BakPak network management and monitoring features is available on the RK-1 Router and NK-1 Wireless Controller and built in at no additional cost.

Understanding BakPak in a project

With the introduction of BakPak in the WR-1, we are making it easier to put BakPak into every size home. However, not every home requires the full sophistication of features that BakPak has to offer. Looking for a quick and easy tool to remotely configure and monitor the customer's network from a single network device? With the WR-1, we have you covered. For full remote management, monitoring, and configuration over your entire customer's network and IP-connected devices—including automation, smart lighting, entertainment, and climate control—you'll need the RK-1 Router or the NK-1 Wireless Controller with BakPak.

Pakedge WR-1 Wireless Router with BakPak® Lite

Specifications

Model description	WR-1 Wireless Router with BakPak Lite
Overview	Dual configuration modes: router and bridge (wireless-only) mode Quick setup Intuitive browser interface Three-year warranty
Routing	500 Mbps WAN-to-LAN throughput DHCP server, DHCP reservations, and static routes Built-in firewall
Wireless	Dual-band 802.11ac Wave 2 2x2 MU-MIMO antenna with beamforming technology Maximum wireless data rate up to 1.2 Gbps (300 Mbps for 2.4 GHz; 867 Mbps for 5.0 GHz) 2 SSID + 2 guest Band steering Advanced roaming for sticky clients
Secure remote access	VPN (OpenVPN, PPTP server, PPTP passthrough) Pakedge Dynamic DNS Third-party dynamic DNS Secure web access BakPak network management (WR-1 only)
Configuration/Services	QoS Port forwarding and 1:1 NAT File sharing UPnP SNMP
Maintenance	Cloud firmware update Backup/restore configuration
Analytics	Port status LAN/WAN statistics Live sessions
Diagnostic tools	Ping, traceroute, and nslookup Internet speed test System report
Hardware	
Input power	12V/1.5A with included PSU
Power draw	9.4W average / 14.9W maximum
Ports	5 gigabit ports (4 LAN, 1 WAN), 1 USB 2.0
LEDs	1x power, 1x WAN/Internet, 4x LAN port activity, 2x band
Weight	2.5 lbs. (1.13 kg)
Dimensions (L×W×H)	5.89 × 7.85 × 1.12 in. (149.5 × 199.3 × 28.4 mm)
Humidity	10% to 90% RH, non-condensing
Temperature	Operational: 32°F to 113°F (0°C to 45°C) Storage: 13°F to 140°F (-25°C to 60°C)

Front panel



Back panel

