

## Contents

- [1 CAUTION:](#)
- [2 REQUIRED Reading](#)
- [3 Which Firmware?](#)
- [4 Installation of DD-WRT from Netgear Firmware](#)
- [5 K3X builds](#)
- [6 LAN Ports not Working](#)
- [7 Reverting back to factory firmware](#)
- [8 Debricking](#)
- [9 Mods](#)

## CAUTION:

This wiki is NOT for the [WNR3500Lv2](#) ([install guide here](#)) which is a NAND flash device. The WNR3500L (v1) is only properly recognized using a **K26 build** (in the `broadcom_K26/` directory). See [K3X Builds](#) for more information. All of the K26 builds have "K2.6" in the filename. Also, builds must be smaller than ~7.3 MB, or you will brick your device.

## REQUIRED Reading

Read the [Firmware FAQ](#) and [Peacock Announcement](#)

## Which Firmware?

The WNR3500Lv1 traditionally only supports the "NEWD-2\_K2.6" firmware, but [K3X](#) has been reported to work. For build information and much more, see [Where do I download firmware?](#).

Compare the features of different build versions [here](#). This router has 8MB flash, but due to Netgear's partitioning, available space is reportedly ~7.3MB. Do not try larger builds, as this will overwrite required partitions.

## Installation of DD-WRT from Netgear Firmware

Overview:

- The WNR3500L requires K2.6 builds of DD-WRT (*Update:* see "K3X builds")
- First download a trailed build **.chk** to flash to the router from Netgear factory firmware.
- Once running DD-WRT, the **.bin** builds can be used
- Research the forum for "New Build" and router model threads before selecting a build.
- `dd-wrt.v24-21061_NEWD-2_K2.6_mini-WNR3500L.chk` has been reported to work for initial flash

Instructions:

## Netgear\_WNR3500L

- Set a static IP (e.g. 192.168.1.8, subnet 255.255.255.0, gateway 192.168.1.1) on the PC for flashing.
- Connect the PC to the router's LAN port (recommended to unplug everything else)
- Perform a hard reset on the router.
- Go to <http://192.168.1.1>
- Cancel the router's automatic firmware update checking, then click on "Router Upgrade" in the left menu.
- Upload the special .chk firmware file.
- Wait 5 minutes after the router says it is done
- Perform another reset, and clear the web browser cache between updates.
- Repeat steps 4-7 with the .bin firmware file.
- Login and start tweaking

## K3X builds

There are some K3X builds that have been reported to work on the WNR3500L: [K3X 33555 Mega works](#)

- If you attempt this, only flash when already running DD-WRT (there is no trailed build in K3X)
- The router name doesn't recognize the v1, so reports "Router Model: Linksys WRT54G/GL/GS"

## LAN Ports not Working

Use the VLAN config in the GUI.

## Reverting back to factory firmware

For now this is a WIP, but in the interim, you can simply follow this guide to revert back:

[How to revert back to factory firmware](#)

## Debricking

[An article on de-bricking your WNR3500L with a USB-TTL cable](#)

## Mods

[Exchange embedded wireless antennas for external antennas on Netgear WNR3500L](#)