

Warning - WRT54G2_v1.3 and WRT54GS2v1 ONLY. See here for the [WRT54G2_v1.0](#).

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[Murrkf] There was a lot of work put in behind the scenes on this issue, and Eko, Barryware, Tornado, and in particular, LOM, deserve a lot of credit for this advancement. LOM cracked the code that was needed for this breakthrough and proved his genius. Great work.

Hardware

Wikidevi links: [Linksys WRT54G2v1.3](#), [Linksys WRT54GS2v1](#)

- CPU: Broadcom BCM5354 @ 240 MHz
- RAM / Flash (ROM): 8 MB / 2 MB
- S/N Prefix: CSV (Gv1.3), CUQ (GSv1)

Unlike most WRT54* models, the BCM5354 clock is locked and cannot be overlocked.

Conversion and Flash Procedure

Carefully read the [Peacock announcement](#) **Note:** Only use micro builds, and **DO NOT USE VINT BUILDS**

Linksys WRT54G2v1.3

Warning - There is no Revert for this router at this time

1. Configure the computer to a static IP e.g. 192.168.1.10, subnet 255.255.255.0, gateway 192.168.1.1 then connect an ethernet cable to a LAN port on the router.
 - ◆ **DO NOT USE WIRELESS and have nothing else connected to the router**
2. Perform a [Hard reset or 30/30/30](#).
3. Open your browser to <http://192.168.1.1>.
4. Use the firmware upgrade dialog to flash [Vxworkskiller-G2V13.bin](#).
5. WAIT for at least five minutes before you continue! (longer is better) Give vxworks killer plenty of time to do its magic!

Linksys_WRT54G2_v1.3_&_WRT54GS2_v1.0

6. You will not be able to browse the WRT54G2V13 at this point, but you should be able to ping 192.168.1.1. If the router doesn't reply you haven't set your computer's network settings correctly (on step 1)
7. Re-read the instructions for using tftp.exe found at note 11 of the peacock announcement
8. Tftp the DD-WRT firmware to the router, use this file [dd-wrt.v24_micro_generic.bin](#); after successful tftp, wait 5 min for the router to finish writing new nvram defaults, etc... It should reboot on its own at least 2 times, so give it 5 min and then go to <http://192.168.1.1> (If it not reboot on its own, wait another 2 min, and then power cycle it) , you should see the password reset page. Don't worry about changing it at this point.
9. Perform a [Hard reset or 30/30/30](#).
10. WAIT for at least 5 minutes before you continue! (longer is better) Give the router plenty of time to boot.
11. Browse 192.168.1.1, you should see the password reset page, change it then configure DD-WRT.

Linksys WRT54GS2v1

Warning - There is no Revert for this router at this time

1. Configure the computer to a static IP e.g. 192.168.1.10, subnet 255.255.255.0, gateway 192.168.1.1 then connect an ethernet cable to a LAN port on the router.
 - ◆ **DO NOT USE WIRELESS and have nothing else connected to the router**
2. Perform a [Hard reset or 30/30/30](#).
3. Open your browser to <http://192.168.1.1>.
4. Use the firmware upgrade dialog to flash [Vxworkskiller-GS2V1.bin](#).
5. WAIT for at least five minutes before you continue! (longer is better) Give vxworks killer plenty of time to do its magic! After at least five minutes, you will need to power cycle the router.
6. You will not be able to browse the WRT54GS2v1 at this point, but you should be able to ping 192.168.1.1. If the router doesn't reply you haven't set your computer's network settings correctly (on step 1)
7. Tftp the DD-WRT firmware to the router, use latest [dd-wrt.v24_micro_generic.bin](#) from the folder where you got these instructions; after successful tftp, wait 5 min for the router to finish writing new nvram defaults, etc... It should reboot on its own at least 2 times, so give it 5 min and then go to <http://192.168.1.1> (If it not reboot on its own, wait another 2 min, and then power cycle it) , you should see the password reset page. Don't worry about changing it at this point.
8. Perform a [Hard reset or 30/30/30](#).
9. WAIT for at least 5 minutes before you continue! (longer is better) Give the router plenty of time to boot.
10. Browse 192.168.1.1, you should see the password reset page, change it then configure DD-WRT.

Updating DD-WRT

DO NOT USE THE ROUTER DATABASE! See the [Peacock announcement](#) for recommended builds like [14929](#), or research new builds threads for k2.4 micro builds routers, particularly for BCM5354 chipset routers.

Notes

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Historical thread by barryware for these devices, discussing the history and challenges of the CFE breakthrough via JTAG. Original CFE download not available, instead use the Conversion & Flash Procedure files.

WRT54GS2 forum thread: [<https://www.dd-wrt.com/phpBB2/viewtopic.php?t=52245>]