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## Introduction

Note: There are several versions of the TP-LINK Archer C7. Versions 1 (No 5GHz), 2, 3 and 4 are currently supported. V5 is now supported, as of late 2018.

## Installing DD-WRT on TP-Link Archer C7 V2, V3, V4, or V5 (AC1750)

Firmware files can be found here: [Where do I download firmware?](#)

**!!!DO NOT PERFORM A 30/30/30 ON ANY QCA CPU/CHIPSET ROUTERS (ESPECIALLY TP-LINK), YOU WILL BRICK IT !!!**

- WAP IP: 192.168.0.1
- V2 only - Upgrade from TP-Link Archer\_C7\_V2\_131217 firmware to Archer\_C7\_V2\_150427 [firmware](#).

(MSOENGINEER is hosting the 150427 file [here](#))

- ◆ Archer\_C7\_V2\_131217 gives "Error code: -1" trying to load any DD-WRT firmware. Make sure to upgrade to TP link 150427 first
- Reset to TP-Link factory defaults
- Download the factory-to-ddwrt file from the appropriate hardware version folder, Archer C7 v2, v3, v4 or v5.
- DD-WRT WAP IP: 192.168.1.1 (you will be asked to set a new router username & password)
- Reset DD-WRT running firmware to factory defaults first to clear out the NVRAM.
- WAP IP: Assign desired IP and configure the rest of the router...

Most of this info is from this post [\[1\]](#)

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## Upgrading DD-WRT

Use the file named tplink\_archer-c7-XX.bin (where XX is the version number). Do not use this to go from Stock to DD-WRT. Firmware files can be found here: [Where do I download firmware?](#)

Upgrading can usually be done via the dd-wrt web interface. Reset to defaults is recommended if you are upgrading from a very old build (> 6 months). Do not restore a backup from one version to another version of DD-WRT.

## Revert to Factory Firmware

A reversion file to go back to factory firmware is in this thread [\[2\]](#)

## AC Channel allocations

A graph of AC channel allocations is here [\[3\]](#)

A discussion of AC frequencies and setup of them is here [\[4\]](#) The 5Ghz AC radio will work at the default AUTO settings but this may NOT be optimal for your environment and you may not get the highest wifi speed on your clients. Information on this radio is here [\[5\]](#)

## 5GHz Support on v1 (not supported)

Dd-wrt does not support the 5ghz card on the archer c7 hardware version v1.1. For old versions of dd-wrt after installing dd-wrt you must turn off the router and remove the 5ghz card or the router will brick. The 5Ghz radio works fine in hardware version 2 of this router. It is possible to remove the 5Ghz card from an old broken laptop and install it in the hardware version 1 of this device.

## Recovery Information

Most TP-Link routers have a built-in TFTP client looking for a specific file name served by a TFTP server on 192.168.0.66

See: [TFTP Recovery de-bricking](#)