

Nov2021 tagged dunfell build for Turris-Omnia

Host Setup

- For Host Setup details, refer this link – [How to Build#SettinguptheHostEnvironment](#)

Repo Configuration

In order to use Yocto build system, the repo tool must be properly installed on the machine.

To install Repo make sure you have a /bin directory in your home directory and that it is included in your path

```
mkdir ~/bin

PATH=~/bin:$PATH

curl http://commondatastorage.googleapis.com/git-repo-downloads/repo > ~/bin/repo

chmod a+x ~/bin/repo
```

Note: Cloning the code before login once to [code.rdkcentral.com](#), user would get the Authentication error, even though the account is in good standing and has all the required access. Please login to [code.rdkcentral.com](#) before attempting to clone.

Build Instruction

Create workspace directory,

```
$ mkdir <workspace dir>

$ cd <workspace dir>
```

Follow below build instructions

Turris gateway

```
$ repo init -u https://code.rdkcentral.com/r/reference/manifests -m turris-tags/Turris_rdkb_3Dec21.xml -b master

$ repo sync -j4 --no-clone-bundle

$ MACHINE=turris source meta-turris/setup-environment

$ bitbake rdk-generic-broadband-image
```

Turris extender

```
$ repo init -u https://code.rdkcentral.com/r/reference/manifests -m turris-tags/Turris_rdkb_extender_3Dec21.xml -b master

$ repo sync -j4 --no-clone-bundle

$ MACHINE=turris-extender source meta-turris/setup-environment build-turris-ext

$ bitbake rdk-generic-extender-image
```

Flashing Procedure

- [Turris Omnia Reference Platform: Flashing Instruction](#)

Supported Features

Turris gateway

- [Turris-Omnia Gateway Supported Features](#)

Turris extender

S.No	Feature Name
1	Wi-Fi Extender Use case