

USB TYPE-C TO 5G ETHERNET ADAPTER

Linux™ 



**WINDOWS
MAC
LINUX**
COMPATIBLE

USB

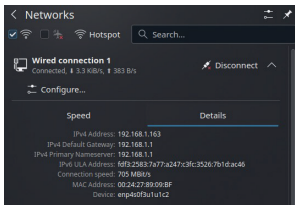


5GBPS

ETHERNET



NT-C5GA - Resolve disconnects and 705Mbps reported link speed issues in Linux by updating the driver. After installation, the link speed should show properly at 5Gbps/5,000Mbps.



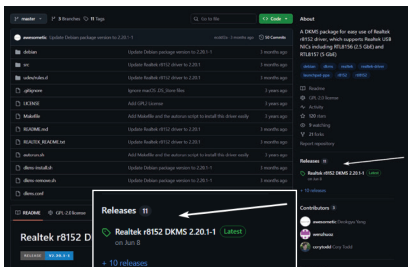
Debian Linux (Debian, Ubuntu, Mint, etc.)

- 1 Download Debian (.deb) package from Releases (side panel) at:

<https://github.com/awesometic/realtek-r8152-dkms>
(also scroll for instructions)

Or get release packages directly at:

<https://github.com/awesometic/realtek-r8152-dkms/releases>



- 2 Enter command at location of **.deb** download (generic version):

cd /home/<username>/Downloads/ (Replace <username> with account name)

sudo dpkg -i realtek-r8152-dkms.deb*

If a dependency error occurs, please fix it with:

sudo apt install --fix-broken

- 3 Add and install the PPA package:

sudo add-apt-repository ppa:awesometic/ppa

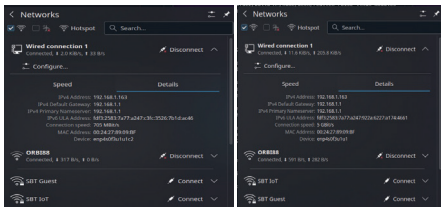
sudo apt install realtek-r8152-dkms

- 4 Reboot the machine

Note: Install process will not update if your current driver version is always the newest. This will be stated after the `sudo dpkg -i realtek-r8152-dkms*.deb` command. You can check in advance by comparing version numbers under Settings, Network for the adapter.

Note: If updating the driver more than once, the specific driver version is needed when running the `dpkg` command. This is the numeric value following the `dkms` in the package name. A wild card can still work if appropriately used or if used to tab through different versions.

SteamOS



- 1 Make the file system writable:
`sudo steamos-readonly disable`

- 2 Create and handle keys to enable the package manager and update:

```
sudo pacman-key --init
sudo pacman-key --populate archlinux
sudo pacman-key --populate holo
sudo pacman -S linux-headers
sudo pacman -S linux-neptune-65-headers
sudo pacman -S base-devel
sudo pacman -S dkms
```

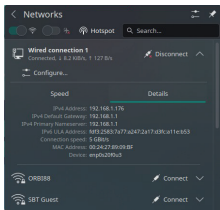
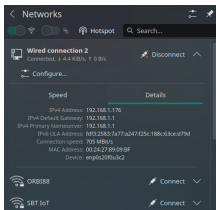
- 3 Install driver (all):

```
git clone https://github.com/wget/realtek-r8152-linux.git
cd realtek-r8152-linux
sudo modprobe -r r8152
make
sudo make install
sudo depmod -a
Optional (skip if there are issues): 'sudo update-initramfs -u'
```

4 Enable driver:

```
sudo modprobe r8152
```

Optional: Verify driver version with 'sudo dmesg | grep r8152'

Arch Linux (Arch, Manjaro)**1** Update the system, if necessary:

```
sudo pacman -Syyu
```

2 Determine your kernel version then install the kernel headers and update the package manager:

```
uname -r
```

This will give a list of available headers. Replace "linux-headers" with the option that matches your version and run the line again. Below we are using what matches Manjaro 6.12.44-3 as an example:

```
sudo pacman -Syu linux612-headers
```

```
sudo pacman -Syu base-devel
```

- 3 Install driver (all):

```
yay -S r8152-dkms
```

Note: Choose N whenever asked to bypass cleanbuild to avoid issues.

- 4 Reboot the system.



FOR HELP, COMMENTS, QUESTIONS OR CONCERNS
PLEASE CONTACT OUR TECH SUPPORT TEAM VIA OUR WEBSITE
WWW.SABRENT.COM