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## SUCCESS? BE A CONTRIBUTOR!

If you are successful and have learned something that would help others ("gee I wish I had known this before I started"), then take a minute to update this wiki. Isn't it better to consolidate knowledge here than to wade through hundreds of postings?

## Sister site: Asus T-Mobile Cellspot

This site has been seeded from material from the [T-Mobile Cellspot Wiki](#): the Cellspot is a hobbled RT-AC68U that can be upgraded to a fully functional RT-AC68U.

## Good Additional Resources

- [Discussion / review of DD-WRT and Merlin Firmware on a RT-AC68U](#)

## Links to verified firmware

Add a link to firmware if you have tested and has no issues:

- Download the latest dd-wrt firmware from [Where do I download firmware](#), asus-rt-ac68u folder.
- KONG BUILDS: [Link to Kong Builds. Download dd-wrt.v24-K3 AC ARM STD.bin. This site suggests to install BrainSlayer first, then Kong. Kong Build information Link to discussion on DD-WRT 30700M 09-27-2016 which I am testing on USA rev A2 and C1 Please update as you see fit.](#)
- Original Firmware Link: See Firmware Recovery Process Below)
- Merlin Firmware: <http://asuswrt.lostrealm.ca>

## Firmware Install Procedure

- 1) Download one of the recommended firmware versions from the section above.
- 2) Navigate to your ASUS Router administration and do a firmware update.
- 3) After the device has rebooted you should be able to login to the default address <http://192.168.1.1>. It may take a few minutes to reboot so be patient. You might also need to disable/re-enable your network adapter so it picks up a new IP address from the newly installed firmware.

### Tips/Notes

- In Canada we had to set the Regulatory Domain to United States, and set Regulatory Mode to Off. Otherwise our bridges and some devices wouldn't connect. Also with the Regulatory Domain set the wireless signal was so weak it wouldn't make it out of the room.
- By default the wireless will come up as dd-wrt and is open. You should lock it down right away by navigating to wireless -> wireless security.
- Slightly Different Experience: (RT-AC68U V2, DD-WRT V3.0 Build 44715, 2020-11-03) After the .trx is downloaded to the RT-AC68U, using the ASUS Firmware Update, you will need to reboot while holding the "WPS" button until the "Power LED" begins to flash (10-30 seconds). Wait several minutes for the router to complete the boot process and log in to 192.168.1.1. I believe this process clears or resets the Non-Volatile memory in the router.

## Original Firmware Install Procedure

### Preparation:

- 1) On a Microsoft windows computer download and install the ASUS recovery tool from: [https://www.asus.com/networking-iot-servers/wifi-routers/asus-wifi-routers/rtac68u/HelpDesk\\_Download/](https://www.asus.com/networking-iot-servers/wifi-routers/asus-wifi-routers/rtac68u/HelpDesk_Download/)
- 2) Download the original Asus stock firmware from: [https://www.asus.com/networking-iot-servers/wifi-routers/asus-wifi-routers/rtac68u/HelpDesk\\_Download/](https://www.asus.com/networking-iot-servers/wifi-routers/asus-wifi-routers/rtac68u/HelpDesk_Download/)
- 3) Set your windows network settings to a static IP of 192.168.1.5, and subnet 255.255.255.0 (Gateway and DNS not needed).

### Recovery Mode Flashing Instructions:

- 1) Power off the unit.
- 2) Press and hold on to the WPS button.
- 3) While holding down the WPS button, power on the unit.
- 4) Keep holding the WPS button until the power led starts to blink a few times.

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- 5) When the power led starts blinking / flashing, release the WPS button.
- 6) Power off the unit.
- 7) Press and hold on to the reset button.
- 8) While holding down the reset button, power on the unit.
- 9) Keep holding the reset button until the power led starts to blink on and off repeatedly. (This means the unit is now in emergency recovery mode)
- 10) Plug in your computer with the ASUS recovery tool directly into Lan port 1 on the router.
- 11) Run the ASUS Recovery software, and select the stock Asus firmware.
- 12) Click the "Upload" button.
- 13) The ASUSrecovery software should detect the router, and start to upload the firmware.
  - If the ASUS recovery software doesn't detect the router, try disabling your windows firewall, and also disabling and then re-enabling your network adapter in windows networking settings.
- 14) Once the router has flashed and rebooted with the stock firmware, set your network adapter settings back to DHCP. Your computer should pick up an address from the router, and then you can navigate to 192.168.1.1 in the web browser to start re-configuring the router.