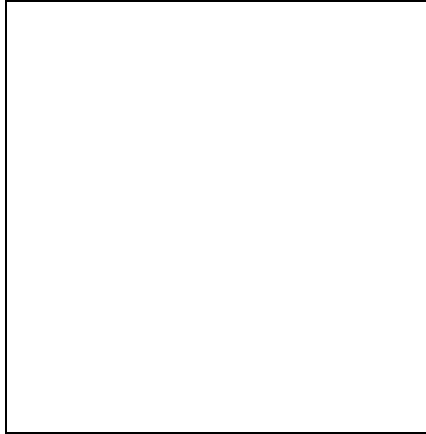


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Hardware Specifications

CPU1:	Qualcomm Atheros QCA9558 (720 MHz)
FLA1:	16 MiB (Macronix MX25L12835EMI-10G)
RAM1:	128 MiB (Nanya NT5TU32M16DG-AC × 2)
Switch:	Atheros AR8327N
ETH chip1:	Qualcomm Atheros QCA9558
USB Ports	1x USB 2.0
WI1 chip1:	Qualcomm Atheros QCA9558
WI2 chip1:	Qualcomm Atheros QCA9880-BR4A

Defaults (pre-ddwrt)

Default IP address: 192.168.0.1

Default login user: Admin

Default login password: blank

Installation

[NOTE:] Emergency Room can be used to flash from stock to DD-WRT if flashing from factory firmware webUI fails. See Recovery section below. The following steps were taken from the [D-Link website](#) and modified to suit.

1. Download the factory-to-ddwrt.img file from the current release under the **dlink-dir862** folder.
See: [Where do I download firmware?](#) for links.
2. Once you've downloaded the firmware, open a web browser such as Internet Explorer and enter: <http://dlinkrouter> or <http://dlinkrouter.local> or <http://192.168.0.1> into the address bar.
3. The default username is Admin and the password is blank (nothing). Click Login.
4. Click on the Tools tab on the top and then click on Firmware on the left side.
5. Under Firmware Upgrade click on the Browse button and browse to the .bin file you previously downloaded in Step 1.
6. Highlight the file by clicking on it once and then click on Open.
7. Click on Upload to upgrade firmware. It may take up to 5 minutes for the upgrade to complete.
 - ◆ Do not unplug, power off, or otherwise disrupt the router while the firmware is being upgraded.
8. Navigate in your browser to <http://192.168.1.1>, set username and password.
9. Navigate to the "Administration -> Factory Defaults" tab and perform a reset.
10. After the router reboots, set username and password again, then configure DD-WRT to your needs.

Upgrading DD-WRT

1. Download the **dir862-webflash.bin** file from the current release under the **dlink-dir862** folder.
See: [Where do I download firmware?](#) for links.
2. Once you've downloaded the firmware, open a web browser such as Internet Explorer and enter: <http://192.168.1.1> into the address bar.
3. Enter username and password. Click OK.
4. Navigate to the "*Administration -> Firmware Upgrade*" tab.
5. Under Firmware Upgrade click on the Browse button and browse to the .bin file you previously downloaded in Step 1.
6. Highlight the file by clicking on it once and then click on Open.
7. Click on "Upgrade" to upgrade firmware. It may take up to 5 minutes for the upgrade to complete.
 - ◆ Do not unplug, power off, or otherwise disrupt the router while the firmware is being upgraded.
8. Your browser should return to the "*Setup -> Basic Setup*" tab when complete or after you've clicked "Continue".

Flashing Back To Stock Firmware

Use the recovery method below as it is not confirmed whether or not you can flash back to stock from DD-WRT webUI.

Recovery

[NOTE:] D-Link routers have Emergency Room for recovery

Prerequisites:

1. Download D-Link firmware from the downloads tab of the Product Support Page.
 - ◆ Optional: Download a known good factory-to-ddwrt.img (i.e. <https://ftp.dd-wrt.com/betas/2015/11-10-2015-r28112/dlink-dir862/factory-to-ddwrt.img>)
 - ◆ NOTE: You will need to use Internet Explorer or an antique version of Firefox Portable to complete this.

Procedure

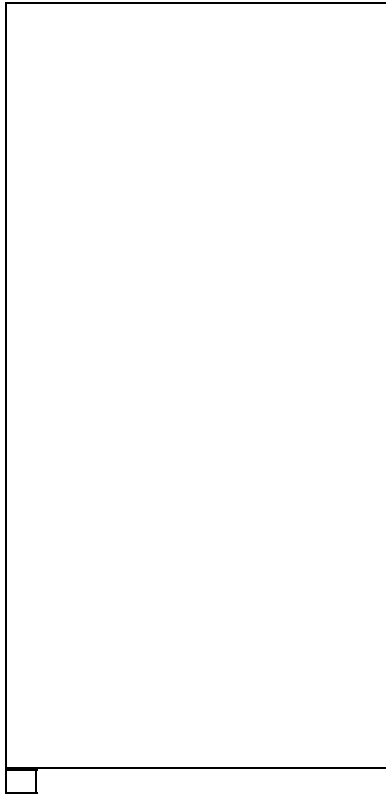
1. Plug the Ethernet cable that connects your computer, that was plugged into one of the LAN ports,
 2. Setup your PC with static IP - ex: 192.168.0.2 (different from 192.168.0.1)
 3. Make sure the PC has the new firmware
 4. Unplug the power
 5. Hold the reset button for 3~5 seconds and re plug the power WITHOUT RELEASING THE RESET BUTTON.
 6. Open a web browser to 192.168.0.1 and then you should see EMERGENCY FLASHING page then click browse/upload locate the file and click UPLOAD FIRMWARE NOW
 7. You should see a SUCCESS page, If you don't then re do steps 2-6
- In step 6 you can use a factory firmware from D-Link webpage or factory-to-ddwrt.img file from DD-WRT.
 - If you succeed with the above and you're back on D-Link firmware, then you can flash to DD-WRT if you didn't use the factory-to-ddwrt.img file.

Opening The Case

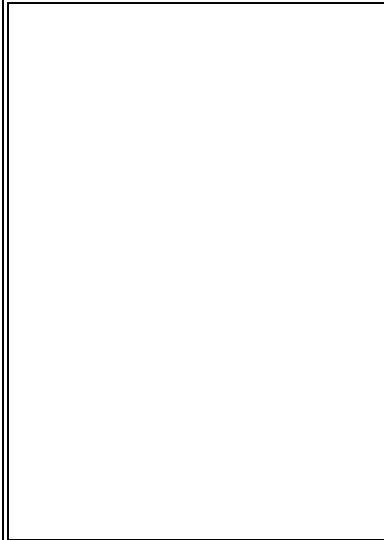
Unlike most non-D-Link routers, this style is mainly held in by clips and not screws. There are 3 Philips screws located under 3 out of the 4 rubber feet, the back 3.

Photos

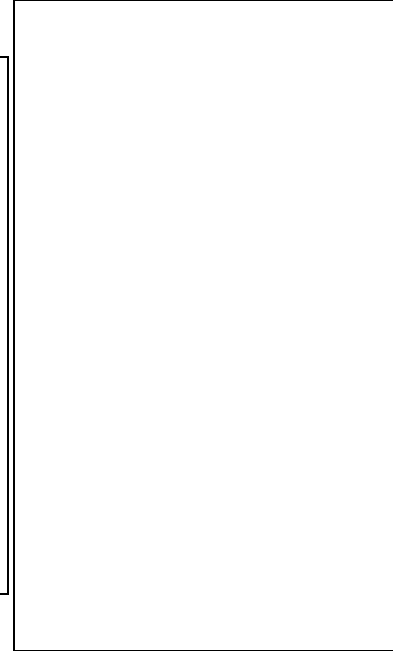
Click on the photos to see larger versions.



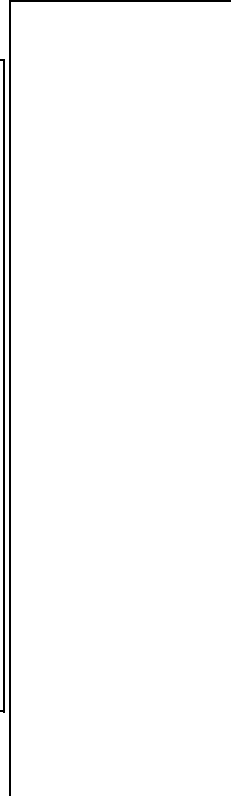
Outside of the case, showing screw locations



Top of the case, no screws, just clips



Inside, top of the board, showing serial connection



Inside, bottom of the case

Links / Further Reading / Useful Information

[D-LINK DIR-860L - disassemble](#)

NOTE: These forum links are here for reference, but keep in mind that some information may be irrelevant or outdated.

[DD-WRT :: View topic - Flashed DIR-862L with incorrect firmware](#)

[DD-WRT :: View topic - DIR-862L / DIR-866L 5GHz Radio Not Working r28882](#)

[DD-WRT :: View topic - Dlink 862l QOS](#)

[DD-WRT :: View topic - DIR-862L - recommended build?](#)

[DD-WRT :: View topic - Dlink DIR862-A1](#)

[DD-WRT :: View topic - DIR-862L as WAP - VLAN tagging on Guest WiFi SSID?](#)

[DD-WRT :: View topic - Dlink DiR-862L MAC address wlan issue](#)

[DD-WRT :: View topic - D-Link DIR-862L A1 5GHz radio refuses to turn on](#)