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Hardware Information

CPU	Broadcom BCM5357
CPU Speed	300 MHz
RAM/Flash (ROM)	32 MB / 8 MB [1]
Radio	2.4 GHz
WLAN Support	b/g/n
WLAN Max Speed	300 Mb/s
Antenna Location	Internal
MIMO Config	2 Transmit x 2 Receive
Switch Ports LAN/WAN	4 / 1 (both 10/100 Mb/s)
USB Port	None

Build Information

NOTE: [1] The E900 [has 64 KB more than most 8MB routers](#): 8060928 bytes (7872 KB). **Do not flash larger builds!**

- Never use a build older than 18946, as E900 support was added then.

CAUTION: To avoid bricking, only use a trailed build (the file with the router name) for initial flash, and nv64k (or trailed) builds to upgrade!

- Some Linksys E-Series units use nv60k builds, the E900 uses nv64k builds.
- See: [Where do I download firmware?](#) for build links, and read the new build thread prior to flash.

Flashing instructions for the E900

1. Read the **Build Information** and [Peacock Announcement](#).
2. Disconnect all cables and wireless clients.
3. [Hard reset](#) (or GUI reset) the router
4. Connect via LAN cable to the PC doing the flash.
5. Log into Linksys Web Interface "Firmware Upgrade" page (default: 192.168.1.1)

Linksys_E900

6. Flash a trailed build (with 'E900' in the file name) from the broadcom_K26 folder.
 - ♦ 21676_NEWD-2_K2.6_mini-e900.bin is a known good initial flash build
7. Wait 5 minutes to assure flash integrity.
8. Power cycle by unplugging the E900 for 10 seconds.
9. Plug the E900 back in and wait about 2 minutes until it finishes booting.
10. Reset again. Another power cycle may be required after this, as noted by some forum users.
11. Wait 3 minutes and log into web interface.

After initial flash, a K26 big, mega, or K3X build can be flashed for more features (newer or same version).

- For more info: "[Cisco E900 - Trailing install](#)". **Only upgrade with nv64k or trailed builds.**

LAN ports not working

This can affect several Linksys E-series routers.

1. Go to *Setup->VLANs*
2. Untick the boxes 1,2,3,4 in the VLAN 0 row
3. Tick the boxes 1,2,3,4 in the VLAN 1 row
4. Also set Assigned to Bridge LAN (in the VLAN 1 row)
5. Apply Settings

Reverting to stock firmware

Download the stock firmware image from the manufacturer's website or [here](#), reset the router back to defaults using a 30-30-30 hard reset, then flash the stock image from within the dd-wrt webgui. After 5 minutes it should finish, you will then need to do another 30-30-30 reset and then access the stock webgui @ 192.168.1.1

Useful Links

Forum thread regarding the E900: <http://www.dd-wrt.com/phpBB2/viewtopic.php?t=152924>