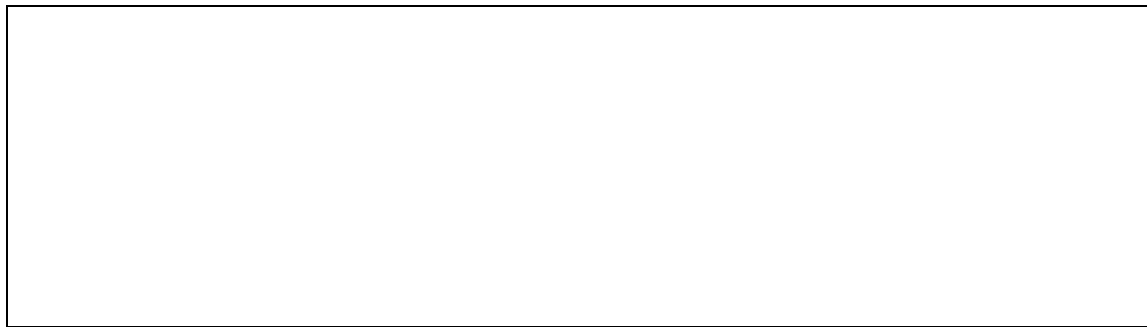


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Hardware Specifications



CPU	<u>Broadcom BCM47186B0</u>	500 MHz
Flash ROM	Winbond 25Q128BUFG	16 MB
RAM	EtronTech EM6AB160TSC-5G 32M x 16 bit	64 MB
NVRAM		60KB
2.4 Ghz Radio (interface)	BCM47186B0 (SoC)	802.11b (max 11 Mb/s), g (max 54 Mb/s), n (max <u>300 Mb/s</u>)
5 Ghz Radio (interface)	BCM43236 (USB2.0)	802.11a (max 54 Mb/s), n (max <u>300 Mb/s</u>)
Antenna Location	Internal	3
Switch & Ports	BCM53125SKMMLG	4 LAN (max 1 Gb/s), 1 WAN (max 1 Gb/s)
USB	USB 2.0	1

IMPORTANT: 5Ghz is not supported by DD-WRT due to the USB interface

Tx power rating

The E3200 has an internal amplifier for each radio. You can use some of these figures to come up with what Tx power rating would be best for you. As factory lists it a max of 20dBm then a setting of 100mW could be used as 20dBm = 100mW 17dBm = 50mW and so on.

2.4GHz Tx power per chain

- 802.11b: Max. 20.5dBm @ All rates
- 802.11g: Max. 19.5dBm @ High rates
 - ◆ Max. 20.5dBm @ Low rates
- Wireless-N 20MHz: Max. 18.5dBm @ High rates
 - ◆ Max. 20.5dBm @ Low rates
 - ◆ Wireless-N 40MHz: Max. 17.0dBm @ All rates

5GHz Tx power per chain

- UNII-1 (5150-5250GHz)
 - ◆ 802.11a: Max. 14.0dBm @ All rates
 - ◆ Wireless-N 20MHz: Max. 11.5dBm @ All rates
 - ◆ Wireless-N 40MHz: Max. 12.0dBm @ All rates
- UNII-3 (5725-5850GHz)
 - ◆ 802.11a: Max. 17.5dBm @ High rates
 - ◇ 802.11a: Max. 20.0dBm @ Low rates
 - ◆ Wireless-N 20MHz: Max. 17.5dBm @ High rates
 - ◇ Wireless-N 20MHz: Max. 20.0dBm @ Low rates
 - ◆ Wireless-N 40MHz: Max. 17.5dBm @ High rates
 - ◇ Wireless-N 40MHz: Max. 21.0dBm @ Low rates

Internal PIFA antennas are rated at 3dBi

Flashing instructions for the E3200

- **INITIAL FLASH MUST BE WITH THE TRAILED BUILD** (with the router name)
- If already running DD-WRT **only use the NV60K build** (or the trailed build)
- Also reference [this post](#) regarding the newer NV60K.bin files for some Linksys E-series routers
- Do not confuse this with other E-series routers that must use only the NV64K builds
- **Support for this unit was added in build 17041**, so do not use an older build or you will brick your unit!

1. READ the [Peacock Announcement Carefully!](#)
2. Disconnect all cables and wireless clients.
3. Perform a [30/30/30 reset](#) to the E3200.
4. Connect 1 LAN cable to the computer that is performing the flash.
5. Log into Web Interface and flash the firmware **E3200 Trailed Initial Flash Build.**
6. Wait 10 minutes until the WLAN (wireless) light turns on.

Linksys_E3200

7. Power cycle the E3200 by unplugging it for 10 seconds.
8. Plug the E3200 back in and wait about 5 minutes until it finishes booting.
9. Perform a 30/30/30 reset to the E3200.
10. Wait 3 minutes then log into web interface.
 - To flash other builds when running DD-WRT, only use the **nv60k** (or trailed) builds. The appropriate files will end with **nv60k**.bin and as noted above, only use nv60k builds 17041 or greater.
 - This router works with the Mega build 33555, but KRACK fixes for Broadcom were completed in 33678, including k26 (33655) & k24 (33656), but build 33679 is missing many files. Thus, use 33772 (or newer).
 - If a K3X reset breaks wireless, flash the same build number K26, reset, then flash back to K3X without reset

For build locations see [Where do I download firmware?](#)

Reverting to stock firmware

Download the stock firmware image from the manufacturer support website, reset the router back to defaults using a 30-30-30 hard reset, then flash the stock image from the DD-WRT GUI. Wait at least 5 minutes for it to finish, reset again, then access the Linksys GUI @192.168.1.1.

Resources

E3200 forum thread: <https://www.dd-wrt.com/phpBB2/viewtopic.php?t=138558>