

# **Booting Kali Linux onto a Laptop**

## Why Kali Linux?

Kali Linux is an ethical hacking tool that is regularly used for penetration tests. It is useful because it comes preloaded with many penetration testing and security auditing tools. It is a Debian-based structure, frequently updated, and has a strong community that provides great support. By booting Kali Linux onto my laptop from a USB, I have a secure, portable environment where I can practice my skills.

## Step 1: Create a bootable USB that has Kali Linux installed onto it

In order to do this, I first have to download Kali Linux from their website. It comes out on the laptop in .iso form, so I have to use the “Etcher” application to make it compatible with MacOS.

## Step 2: Plug USB into target HP Laptop

Plug the bootable USB into the Laptop you are trying to upload it onto.

## Step 3: Spam the “esc” key when the HP Laptop is being turned on

This will bring you to the Boot Menu.

## Step 4: Access the BIOS setup menu

Make the USB your #1 option in the “Boot Menu” and disable the secure boot setting. After this and entering in the correct command, the computer should start back up again and enter into the Kali Linux menu screen.

## Step 5: Install

Since I am new to Kali Linux, I selected graphical install.

## Step 6: Follow the installation instructions

With the help of chatgpt and the Kali Linux installation instructions, I was guided through the steps of installation which included choosing: language, region, keyboard layout, user credentials (name and password), disk partitioning method (I selected guided, use entire disk), confirm and install.

## Step 7: Reboot and Log In

After installation is completed, you remove the usb and reboot the laptop. After rebooting, Kali Linux’s log in screen should pop up automatically.

