

Yesterday, the Echolink computer froze mid-net. I tried to restart it, but it kept rebooting into the BIOS. Here's an outline of what I tried and to re-install Windows.

- From a working Windows computer, I downloaded Windows 11 from the [Create Windows 11 Installation Media](#) section and created a USB boot drive.
- I booted the Echolink computer using the USB boot drive and tried to "Troubleshoot" the computer (see section 3 of [these instructions](#)). Unfortunately, that option wasn't available.
- Before trying to re-install Windows, I had to find the Windows Product key.
 - If Windows was working, I could have used regedit, navigate to Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\SoftwareProtectionPlatform, and lookup BackupProductKeyDefault. (See Method 3 [from these instructions](#) for more details)
 - But I couldn't boot into Windows so I used a [Linux Mint](#) USB boot drive and tried to `sudo strings /sys/firmware/acpi/tables/MSDM | tail -1`, but the MSDM file didn't exist. I tried that command on in my personal computers and it worked so I made notes of these keys. (See [these instructions](#) for more details.
 - Finally, I installed reglookup and ran

```
reglookup -p "/Microsoft/Windows  
NT/CurrentVersion/SoftwareProtectionPlatform/BackupProductKeyDefault" \  
[MountPoint]/Windows/System32/config/SOFTWARE
```

(See [these instructions](#) for more details.)

- I instead tried to re-install Windows 11 from scratch, but it again booted to the BIOS.
- I used a [Linux Mint](#) boot USB drive that I had to load GParted and delete every partition on the Echolink computer. I then reinstalled Windows