

Notes from following snowgoer540's excellent MX Linux + LinuxCNC installation guide while installing on a late 2012 Mac mini 6,2 hardware platform.

Section 3, Step 10: Installing on a Mac mini late 2012 (6,2) requires selecting the ESP (EFI System Partition) option. Not the MBR (Master Boot Record) option.

Section 3, Step 20: Must hold the Option key during reboot and select the EFI option when the boot options come up. Otherwise it'll boot into the Mac OS recovery partition that likely will be the default. It *should* remember your EFI selection on subsequent boots. May have to check this to see if further action is needed to make it the default boot.

Section 4, Step 18: The upgrade process may take a while. Several option questions will come up regarding upgrading vs. keeping the current version of several grub related files. Hitting return to select the defaults (keep current version) is what I did throughout assuming it was the correct thing to do. Seemed to be correct.

Section 4: Step 19: Noticed some errors/warnings. These may be ignorable. Or address them to have a "clean" system boot. True beginners to Linux may need to be told to ignore if not they're not used to boot warnings.

- "WARNING: The initramfs image may not contain crypt setup binaries nor crypto modules. If that's on purpose, you may want to uninstall the 'crypt setup-initramfs' package. (May want to do this)
- Packages automatically installed and are no longer required: libdav1d4 libvncclient1 livxcd-composite0 vlc-plugin-access-extra. Use 'sudo apt autoremove' to remove them. (I did this)

Broadcom WIFI ISSUE: Apparently after running the update/upgrade steps and rebooting I lost my wifi connection. It was working prior to those steps after the initial USB install. I can only assume after upgrading the driver's no longer worked with my particular wifi h/w. A bit strange but believable after reading something about the conflicts with Broadcom drivers.

- Running 'lspci | grep Network' shows BCM4331 as my wifi chip.
- After chasing some dead ends I had some success following the installation instructions at <https://wiki.debian.org/wl> for Debian 10 "Buster". Seems to have worked as the system connected to wifi on reboot.
- Don't know yet if I'll experience any of the Known Issues on that page. E.g. need to disable power management which I may want to do anyway across the board for this machine.