

guide to install QE 7.1 on Apple Silicon Macs (a.k.a. ARM or M1)

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1) Check this video that shows how to download and run UTM software.

<https://www.youtube.com/watch?v=1WWj6qoWhJw>

- There are two links, first one to download Ubuntu 22.04 for ARM64 chips. Download this first:
<https://cdimage.ubuntu.com/jammy/daily-live/current/>
- Then, download the UTM software from this link:
<https://mac.getutm.app>

Details of running and configuring Ubuntu software are explained well in the video. Don't miss any steps. Also, please note that eduroam network doesn't work on the virtual OS.

2) After installing Ubuntu, you can now configure QE 7.1 using the same steps of this video below:

<https://www.youtube.com/watch?v=MPuJC0xE6UA> You might need to install fortran compilers, which is also done in the video. Any missing functions or commands could be installed with ease.