# The Main PC

The main PC that hosts this virtual environment is my old gaming PC. While this was still a decent machine, there were definitely some necessary upgrades to make this environment run relatively well. After some research on what components are important for virtualization, here is the what I came up with:

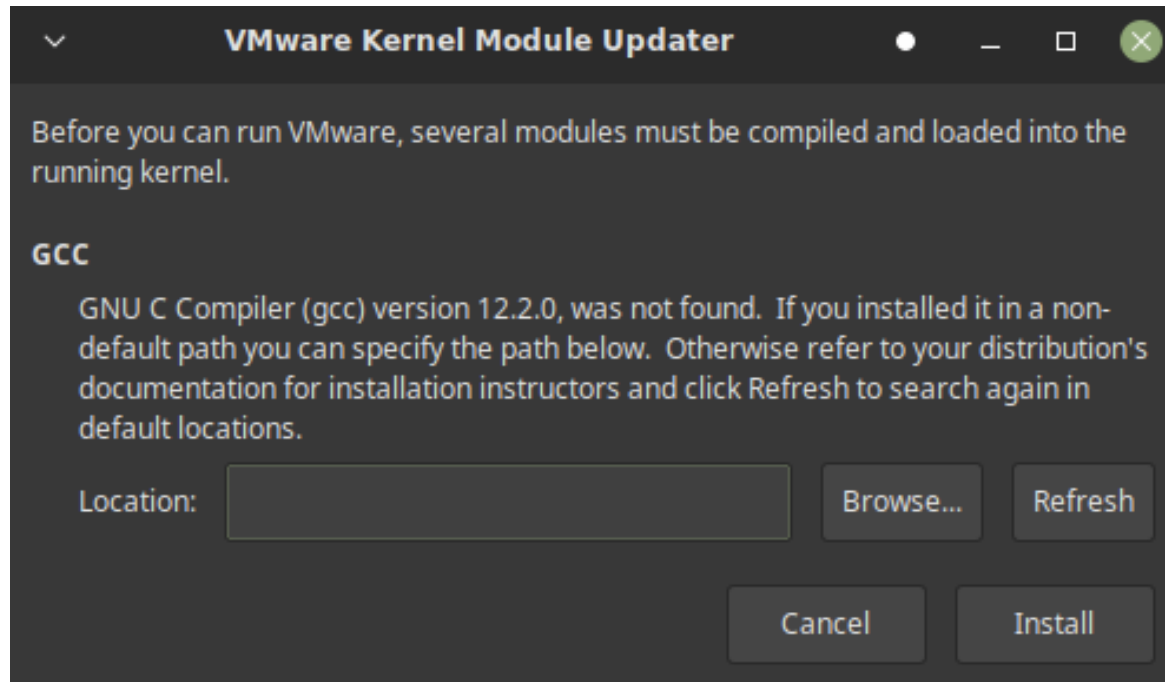CPU: AMD Ryzen 5 3400G

Motherboard: Asus B550-Gaming Plus

RAM: T-Force Vulcan Z 32GB

Storage: Seagate Barracuda 2TB, Samsung 850 Evo, WD 500GB

OS: Ubuntu 22.04

I made the decision to go with Ubuntu as the operating system on my main PC, even though I have never worked with it before. I figured that It would be a good way to get some additional experience and force myself to learn about Ubuntu. I took some time to try and get accustomed to the new setup and hopefully un-Windows my brain a bit. I created the installation media with the Ubuntu ISO file using Rufus. Once I booted up, I created the root user account and I was on my way.

The next step was to download VMware Workstation Player 17. I downloaded the installer from the VMware website and opened the file in the Text Editor. The application was having some issues opening at first, but eventually it launched. After this I opened the terminal and ran the command '*sudo apt install build-essential*' to install the necessary Debian packages. Although, when I ran the command it had an issue with downloading the "GCC" package. I would try to launch VMware and it would display this message:

 I installed it separately with the command *'sudo apt install gcc-12'* and this did the trick. The installation wizard should now finish installing and VMware will prompt you to create a username and password. Once completed, you are now ready to start provisioning virtual machines.

## Links

[Download VMware](#)

[Ubuntu Root User](#)

[RUFUS Download](#)

[Ubuntu Desktop Download](#)