Setup GPU:

1. Plug in Server on Port EM1 (Motherboard, port labelled with ‘1’) to network with dhcp capability.
2. Connect to the server over ssh
3. Enter command: ifup em1
4. Wait until server receives IP from dhcp service.
5. Enter command: ping google.com
6. If this is successful, you got a IP and the network has a working DNS server
7. Enter command: apt update
8. Enter command: apt upgrade -y
9. Enter command: wget <https://developer.download.nvidia.com/compute/cuda/repos/ubuntu1604/x86_64/cuda-ubuntu1604.pin>
10. Enter command: mv cuda-ubuntu1604.pin /etc/apt/preferences.d/cuda-repository-pin-600
11. Enter command: apt-key adv --fetch-keys <http://developer.download.nvidia.com/compute/cuda/repos/ubuntu1604/x86_64/7fa2af80.pub>
12. Enter command: add-apt-repository "deb http://developer.download.nvidia.com/compute/cuda/repos/ubuntu1604/x86\_64/ /"
13. Enter command: apt-get update
14. Enter command: apt install ubuntu-drivers-common -y
15. Enter command: ubuntu-drivers devices | grep 440
16. You should see a entry “nvidia-440 – third-party none-free recommended”
17. Enter command: apt install nvidia-440 -y
18. Reboot server
19. Enter command: nvidia-smi
20. The information should display Driver version 440.XX.XX and the installed GPU should be in the output on the left side in the middle (GeForce GT 1030)

Transfer old files:

1. Connect to old machine with winscp
2. Copy everything from /opt to your local PC
3. Copy everything from /home/radex to your local PC
4. Connect to new server over winscp
5. Copy over all the files you got from the old machine in the corresponding folders
6. Restart and make sure server still works
7. Remove old Server from machine and mount new server