

GPU pool

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Access & Log-in

As a student of Technische Fakultät, a TF account is always assigned to you, with which you have access to the computer pool.

There are two available hosts with GPU cards. You can log into either one via SSH.

```
ssh [username]@poolgpu2.imtek.privat
```

```
ssh [username]@poolgpu3.imtek.privat
```

You will be asked for your password.

Etiquette and quick checks

The pool machines are shared by everyone in the course (and other pool users): there is no batch system, so please be considerate. Before starting a long run, check the current GPU usage with

```
nvidia-smi
```

which shows GPU and memory utilization and the processes currently using the GPU. If someone else's job is running, coordinate via the course Matrix channel before claiming the GPU for an extended period.

You can check which CUDA toolchain is available on the machine with

```
nvcc --version
```

Note

- A TF account is **not** a Uni account. TF accounts contain only letters, while Uni accounts contain letters and numbers. If you forget your password and/or your TF account, please write an email to `poolmgr@tf.uni-freiburg.de`.
- If you have your TF account and password, but still cannot log into the GPU pool, please send your username to `yizhen.wang@imtek.uni-freiburg.de`.