The Department of Computer Science hosts a computing cluster for scientific workloads. Please also consider the HPC Services offered by our ZID as they may suit your requirements better.

Hardware

The System runs in 3W06 in the ICT Building. It consists of 8 Nodes with the following specification

```
Motherboard: ASRock Fatal1ty X399 Professional Gaming
CPU: AMD Ryzen Threadripper 2950X WOF
Memory: G.Skill D4128GB 2400-15 Flare X K8
SSD: WD Black SN750 500 GB, NVMe 1.3 , Read: 3470 MB/s, Write: 2600 MB/s
```

Seven of the nodes additionally offer

```
GPU: 4x ZOTAC GeForce RTX 2070 Blower, 8 GB (GDDR6, 256 Bit)
```

The head node (the one without GPUs) has 2TB additional storage capacity that is reachable from all nodes.

Network

The nodes are interconnected through a Gigabit Ethernet Switch. The upstream connection of the head node is Gigabit Ethernet. The nodes have 10 Gigabit Connections for MPI.

System Configuration

All nodes run the latest Version of Ubuntu Server LTS which is 18.04.2 (Bionic Beaver).

Authorization

tbd

Usage

After registration you can log into the system with your IFI credentials using ssh on ifi-lahar.uibk.ac.at. The basic commands can be found in the SLURM User Guide

Contact

Contact ifi-sysadmin@informatik.uibk.ac.at if you have problem or further questions. For administration purposes there is also the internal documentation.

From:
https://ifi-wiki.uibk.ac.at/ - **IFI Wiki**

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