

Compute Node Specs and Information

Compute nodes specs and hardware information for the Cirrus HPC and HTC clusters

- [INCD-Lisbon \(cirrus.a.incd.pt\)](http://cirrus.a.incd.pt)

INCD-Lisbon

(cirrus.a.incd.pt)

The list of server class types available to general users in the Cirrus HPC/HTC clusters.

INCD-Lisbon

- login machine: `cirrus.a.incd.pt`

Rocky Linux 8

| Type | CPU | Memory/node | #cores/node | #servers | infiniband | queue | target users |
|------|---------------|-------------|-------------|----------|--------------|-------|--------------|
| A5 | AMD EPYC 7643 | 512GB | 96 | 20 | 56Gbps (FDR) | fct | fct users |
| A5 | AMD EPYC 7643 | 512GB | 96 | 20 | 56Gbps (FDR) | hpc | hpc users |

GPU's

| Type | Memory/node | #number | queue[2] | gres[1] | target users | technical documentation |
|--------------------|-------------|---------|----------|---------|--------------|---|
| NVIDIA Tesla-T4 | 16GB | 4 | GPU | t4 | all | https://www.nvidia.com/en-us/data-center/tesla-t4/ |
| NVIDIA Tesla V100s | 32GB | 2 | GPU | v100s | all | https://www.nvidia.com/pt-br/data-center/v100/ |
| NVIDIA A100 | 64GB | 2 | GPU | a100 | all | https://www.nvidia.com/en-us/data-center/a100/ |

[1] parameters use to selected the GPU card

[2] Users with QOS have higher priority over non-fct call users