

Cirrus nodes and specs

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

CNCA-Lisbon (Cirrus-A)

- **login machine:** `cirrus.a.acnca.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

CNCA-Vila Real (Cirrus-D)

- login machine: ui.d.acnca.pt

Rocky Linux 8

Type	CPU	Memory/node	#cores/node	#servers	infiniband	queue	target users
A5	AMD EPYC 7643	512GB	96	38	200Gbps (FDR)	fct	fct users
A5	AMD EPYC 7643	512GB	96	38	200Gbps (FDR)	hpc	hpc users
A5	AMD EPYC 7643	2TB	96	2	200Gbps (FDR)	hpc	fct users
A5	AMD EPYC 7643	2TB	96	2	200Gbps (FDR)	bigmem	hpc users

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