

Chacha

Memory info

- 1 TB total RAM
- 8 GB Swap

CPU infos

- INTEL(R) XEON(R) GOLD 6542Y
- Frequency 2.9 GHz
- Arch=x86_64
- CoresPerSocket=24
- CPUTot=96
- Sockets=2 Boards=1
- ThreadsPerCore=2

GPU infos

[illegible]

```
+-----+-----+-----+
-----+
+-----+-----+-----+
-----+
| Processes:
|
| GPU    GI    CI          PID    Type    Process name
GPU Memory |
|          ID    ID
Usage      |
|=====
=====|
| No running processes found
|
+-----+-----+-----+
-----+

```

Shards : maximum 80 shards of GPU for an A100

Storage

/data :

Read / Write performances :

```
Read :
Timing cached reads:   20386 MB in  2.00 seconds = 10205.98 MB/sec
Timing buffered disk reads: 6948 MB in  3.00 seconds = 2315.97 MB/sec

Write :
2147483648 bytes (2.1 GB, 2.0 GiB) copied, 1.77695 s, 1.2 GB/s

```

Capacity :

To be discussed on each project integration

SLURM configuration

When you run jobs on Chacha, you need to specify the partition (no defaults for now) :

```
#SBATCH --partition=Chacha

```

Access

See [The ISC Computational Center](https://wiki.isc-vs.ch/) for details.

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<https://wiki.isc-vs.ch/> - **The ISC wiki**

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<https://wiki.isc-vs.ch/doku.php?id=infra:chacha&rev=1738684367>

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