

- ▀ In **weak scaling**, both the **number of computing units** and the **problem size** are **increased**: *constant workload per computing unit.*
- ⚖ We use  $8 \times 10^6$  unknowns per GPU, i.e.,  $3.2 \times 10^7$  unknowns per node.

We use the following resources:

- █ Number of GPUs from 1 to 8192,
- █ GPUs x Node 4 (1 MPI Task x GPU, 8 CPUs per Task)
- █ Pure MPI: 32 MPI Tasks per Node

Within the software framework:

- ◀▶ Compilers: gcc/11.3.0
- ◀▶ MPI: openmpi/4.1.4
- ◀▶ CUDA compilation tools, release 11.8, V11.8.89