HPC training & education

Online courses, webinars, hackathons, and bootcamps

- HPC & AI for beginners and advanced users
- Efficient use of supercomputers
- Parallel programming
- Code optimization
- Python, MPI, OpenMP, C++, Linux
- Domain-specific workshops

events.asc.ac.at

Flagship supercomputers in Austria - access for academia, private sector, public sector, and non-profit organizations

asc.ac.at
support@asc.ac.at

2026

ASC
Austrian Scientific Computing

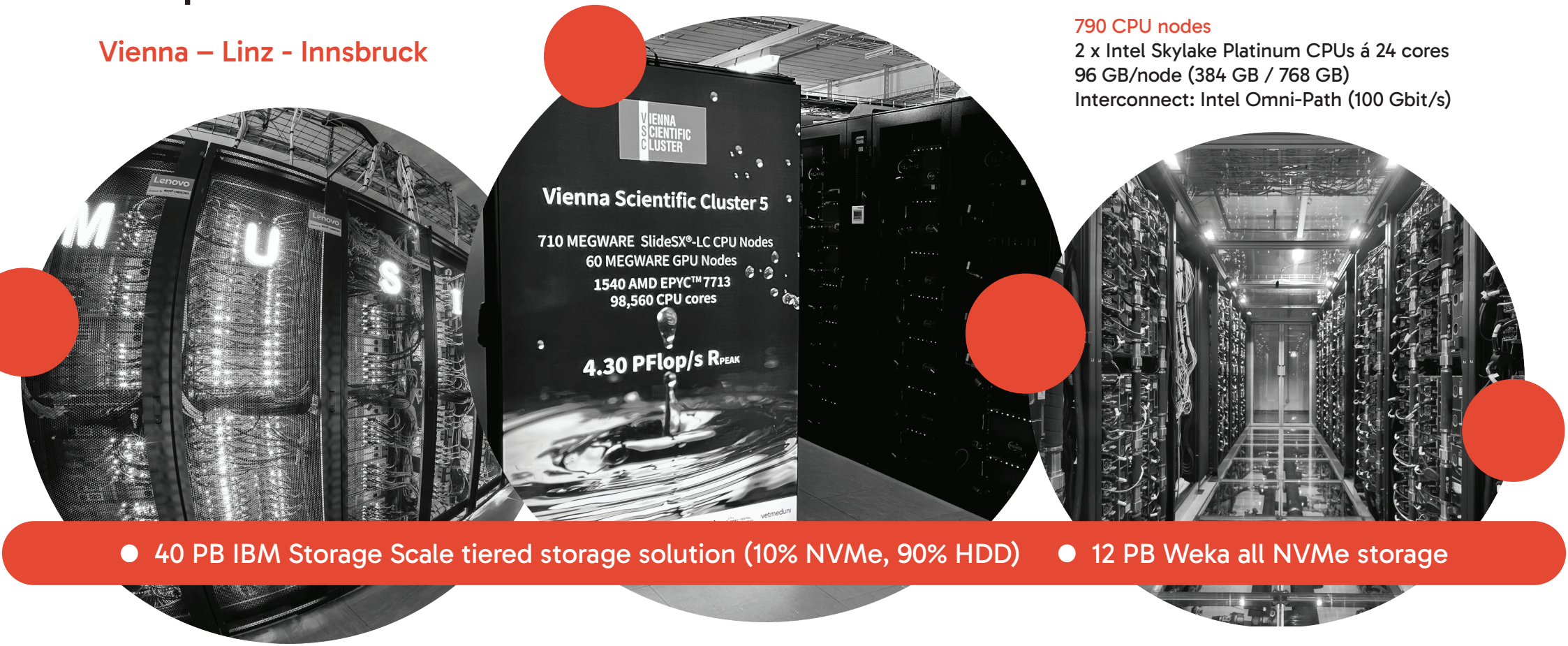
Supercomputing for science, research, and innovation

ASC consortium

TU Wien · universität wien · BOKU University · universität innsbruck · TU Graz · JKU Johannes Kepler Universität Linz · ISTA Institute of Science and Technology Austria

MUSICA – Multi-Site Computer Austria

Vienna – Linz - Innsbruck



- 40 PB IBM Storage Scale tiered storage solution (10% NVMe, 90% HDD)
- 12 PB Weka all NVMe storage

VSC-5

168 CPU nodes
2 x AMD EPYC (Zen4) CPUs á 96 cores
768 GB/node
1 x Mellanox Infiniband NDR200 (200 Gbit/s)
272 GPU nodes
4 x NVIDIA H100 SXM GPUs
4 x Mellanox Infiniband NDR200 (200 Gbit/s)

794 CPU nodes
2 x AMD EPYC (Zen3) CPUs á 64 cores
512 GB/node (1 TB / 2 TB)
61 GPU nodes
2 x Zen3 CPUs + 2 x NVIDIA A100 GPUs
38 GPU nodes
2 x Zen2 CPUs + 2 x NVIDIA A40 GPUs

Interconnect:
Mellanox HDR InfiniBand (200 Gbit/s)

VSC-4

790 CPU nodes
2 x Intel Skylake Platinum CPUs á 24 cores
96 GB/node (384 GB / 768 GB)
Interconnect: Intel Omni-Path (100 Gbit/s)

LEONARDO

Italian pre-exascale supercomputer

Users in Austria have access to 500.000 GPU hours a year on the Booster module via national AURELEO calls.