

High-Performance Computing (HPC)

Technical expertise and powerful HPC infrastructure for Austrian businesses



HPC enables fast execution of complex calculations for advanced modelling, computer simulation, big data analytics, and development of AI models (artificial intelligence). These tasks require considerable resources, complex infrastructure, and optimised software solutions.

Through the EuroCC project, Austrian companies now have an opportunity to get access to national and European HPC systems without having to build and operate their own. This way, small to big enterprises and start-ups can benefit from technical expertise, cost-effective services, and the uptake of **HPC / Big Data / AI** in order to streamline business processes and product development.

Your application of HPC/Big Data/AI:

- Modelling and simulation of physical phenomena
- Training of algorithms
- Visualisation and processing of large data sets
- Code and software optimisation
- Solving complex computational problems
- Optimising product development and reducing time to market

Our service and support in HPC/Big Data/AI:

- Assistance with your projects and funding applications
- Facilitation of access to software and supercomputers
- Connecting stakeholders, experts and infrastructure providers
- Training in HPC computing, parallel programming, and more

HPC BENEFITS

High processing power & memory capacity

- Billions of operations per second
- Parallel processing
- Distributed Memory

Data security

- Secure data access and transfer
- Data is processed on local servers and remains in the country

Time and cost efficiency

- Cost reduction through high performance
- Optimised prototyping through simulation
- Funding opportunities

Contact us for a personalised consultation:

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Use Case:

