

WHO WE ARE

We design, build, and support **heterogeneous supercomputers** and **data centers** tailored for HPC, AI, and Quantum Computing, based on our dynamic Modular System Architecture (dMSA) and ParaStation Modulo Software Suite. Our systems are built to **evolve**.

TRUSTED BY



HPC/Supercomputer Facilities



Governments



R&D Projects



Industrial Enterprises



Quantum Computing Providers



Energy & Infrastructure Providers



Licensing Partners

OUR CAPABILITIES



Advisory & System Architecture



Orchestration & Modular Expansion



HPC & AI Data Center Turnkey Deployment



Hardware-Agnostic Integration of QC & Disruptive Technologies



Energy Optimization by Design

Let's **Partner!**



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SOVEREIGN HPC, AI, & QUANTUM INFRASTRUCTURE

Exascale Proven. Post-Exascale Ready.
Built to Evolve.



WE ENGINEER BREAKTHROUGHS

Modular | Energy-Efficient | Vendor-Independent

HPC/AI Systems Enabled by ParTec Technology



MeluXina
(Luxembourg)
(2021)



JURECA-DC
(Germany)



JUWELS
(Germany)



Leonardo
(Italy)



MareNostrum V
(Spain)



JUPITER
(Germany)
(2025)



VESUVIO (Italy);
Government of Hungary;
Government of Romania
(2026+)

18 PFlop/s

24 PFlop/s

73 PFlop/s

238 PFlop/s

315 PFlop/s

1 EFlop/s

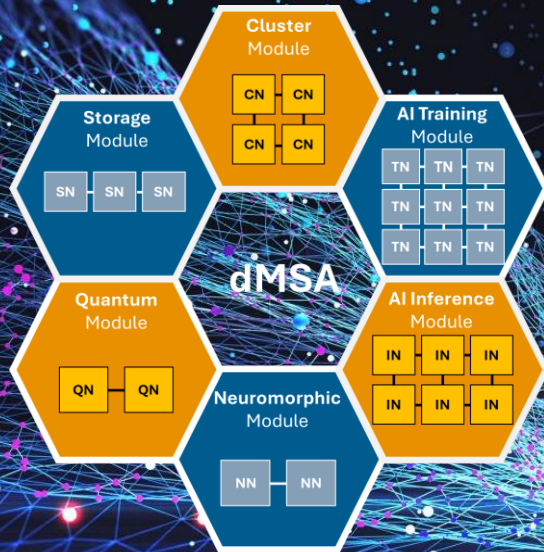
50-400
EFlop/s (AI)

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OUR ADVANTAGES

- ▶ Co-Design & Deep Customization
- ▶ Vendor Independence
- ▶ Dynamic Heterogeneity
- ▶ Scalability & Flexibility
- ▶ Energy Efficiency
- ▶ Faster Deployment & Time-to-Value
- ▶ No Technological Dead Ends
- ▶ Enhanced Long-Term Investment Security

Specifically designed
to handle
AI workloads



ParaStation
MODULO

FROM EXASCALE SYSTEMS TO SOVEREIGN AI DATA CENTERS