Gain fast insights by accelerating your workloads using High-Performance Computing

Lenovo | **AMD**

Global technology partnership	Engineering prowess	Proven innovation

Lenovo and AMD deliver high-performance computing solutions that are scalable, powerful and highly energy efficient for fast discovery.

Explore Lenovo & AMD advantage

Maximize value from your IT investment

Lenovo delivers ThinkSystem HPC servers with AMD EPYC™ processors, ideal for performance-intensive solutions helping you use data to accelerate workloads and improve competitiveness.

Lenovo and AMD Advantage

The Lenovo ThinkSystem HPC servers with AMD EPYC processors leverage proven Lenovo Neptune™ water-cooling technology, deliver high-performance computing and offer outstanding energy efficiency to make the most of your infrastructure investment.

Lenovo ThinkSystem SD665 V3

The ThinkSystem SD665 V3 – combines the latest AMD processors and our market-leading Lenovo Neptune full system direct water-cooling solution offering the world's most powerful x86 processor* and DDR5 memory bandwidth density in a 6U12N form factor.

Applications

SD665 V3 servers are best suited for:

- AI/ML
- Virtual Desktop Infrastructure (VDI)
- Virtualization
- Media streaming
- Computer Aided Engineering
- Weather & Climate simulations

Lenovo ThinkSystem SD665 V3

The ThinkSystem SD665-N V3 – combines the latest AMD processors, NVIDIA accelerators, and our market-leading Lenovo Neptune full system direct water-cooling solution for outstanding GPU performance** for complex workloads like AI Training and Molecular Dynamics from Exascale to Everyscale™.

Applications

SD665-N V3 servers support workloads from technical computing to grid deployments and analytics, and are ideally suited for:

- Chemistry like Gaussian and GROMACS
- Finite Elements like LS-DYNA and SIMULIA Abaqus
- Fluid Dynamics like OpenFOAM and ANSYS Fluent
- Molecular Dynamics like NAMD and AMBER
- Weather and Climate like WRF and ICON

The Lenovo and AMD advantage helps deliver a better ROI while offering powerful processing performance of both traditional and new HPC workloads.

Contact us

*https://www.amd.com/en/processors/epyc-server-cpu-family
**https://news.lenovo.com/pressroom/press-releases/10-years-of-lenovo-neptune/