



Press Release

Introducing Eviden's new AI computing portfolio - the ultimate solution to unlock AI's full potential

Paris, France – May 2, 2024 – Eviden, the Atos Group business leading in advanced computing, today announces its new product line “**BullSequana AI.**” This full end-to-end offering includes five new AI server ranges optimized for AI workloads and is designed to cater to a diverse range of AI needs. This includes inferencing AI models at the edge, fine-tuning existing models in enterprise data centers, or training foundation models with AI supercomputers. Each model offers varying levels of performance, scalability, and flexibility, and can be selected based on each specific use case, budget, and business size.

This offering leverages use-case focused AI software, including Eviden’s Computer Vision VISuite and global AI services (specialized consulting services, deployment, orchestration, industrialization services, and support) provided by Eviden’s global data scientist team to help clients tackle specific industry challenges. The BullSequana AI product line will also offer NVIDIA AI Enterprise, an end-to-end cloud-native software platform that accelerates data science pipelines and streamlines the development and deployment of production-grade copilots and other generative AI applications.

BullSequana AI 1200H Flagship Product

As part of this new range, Eviden presents its flagship product: the **BullSequana AI 1200H**, which combines cutting-edge technologies in AI acceleration and high-density computing with specialized consulting services and is designed to support businesses in achieving their goals more energy-efficiently.

The first customer for this new offering is GENCI (Grand Equipment National de Calcul Intensif) and CNRS (Centre National de la Recherche Scientifique) in France which have selected the BullSequana AI 1200H with 1456 NVIDIA H100 GPUs to extend the capacity of their [Jean Zay](#) supercomputer, increasing its peak computing power from 36.85 to 125.9 Pflop/s. Operated by CNRS’s IDRIS (Institut de développement et de ressources en informatique scientifique), it will be fully available to users early this summer in order to answer to a high demand on generative AI.

The **BullSequana AI 1200H** is an enterprise-grade supercomputer specifically designed for use cases requiring high computational power for training, fine-tuning, and running inference of large language models (LLMs) and for the complex systems modeling required by so many industries and applications today. These applications demand a considerable amount of computing power due to their large capacity for deep learning tasks with many different parameters and complex architecture. By leveraging cutting-edge hardware and software technologies, Eviden provides highly optimized solutions customized to meet each client’s specific needs. Its team of experts provides the highest level of service and works

closely with its clients to ensure they have the support and guidance they need to succeed.

Best-in-Class Energy Efficiency and Density

This offering, specifically designed for AI, is among the most energy-efficient and dense solutions available on the market. Because of Eviden's patented Direct Liquid Cooling (DLC) technology, Eviden BullSequana AI supercomputers are at least 3 times denser than any traditional air-cooled systems, and additional heat can be transformed into energy to re-heat nearby buildings. This solution is built and produced at Eviden's factory in Angers, France, allowing businesses to meet their data sovereignty and security objectives.

AI-Powered

Eviden is collaborating with NVIDIA to integrate some of the most powerful components in its product portfolio into this new offering, including NVIDIA GH200 Grace Hopper Superchips. Combined with Eviden's Smart Energy and Management Suite, this new offering is well-positioned to speed up companies' AI adoption and help them harness the power of AI. Moving forward, Eviden plans to integrate NVIDIA GB200 Grace Blackwell Superchips.

Dr. Cédric Bourrasset, Head of Quantum & AI Computing, Eviden, Atos Group, said, *"AI is a transforming force capable of revolutionizing businesses across industries and sectors by enhancing productivity and accelerating innovation. However, developing AI applications requires a great deal of expertise, high computing power, and energy to design, train, and run AI models. This is particularly true for foundation models. With Eviden's new offering, customers who require reliability, scalability, and versatility to stay ahead of innovation will have maximized acceleration and the right expertise in AI to enable them to make their ideas and innovations a reality."*

"Eviden's end-to-end solution, capitalizing on its expertise with the most renowned French and worldwide AI computing research centers, offers the most complete AI computing platform to help customers accelerate time to AI operationalization and industrialization of innovative applications in areas from healthcare, new energies, material design to legal or mass distribution" said **Stephane Requana, CTO, GENCI**.

"Generative AI is transforming every industry, and its development demands expertise and sufficient AI computing resources," said **Serge Palaric, Vice President of Alliances and EMEA OEMs at NVIDIA**. *"Powered by the NVIDIA Grace Hopper platform, Eviden's new BullSequana AI portfolio, through collaboration with renowned research centers, accelerates the deployment of innovative applications across industries."*

BullSequana AI 1200H Configuration

Hardware: First BullSequana AI 1200H DLC configuration is equipped with NVIDIA Grace Hopper Superchips* and NVIDIA Quantum-2 InfiniBand networking. Software: Eviden Jarvice™ XE, Eviden Smart Energy Management Suite, Eviden Smart Management Center, and NVIDIA AI Enterprise.

To find out more about the BullSequana AI offering, please go to: <https://eviden.com/solutions/advanced-computing/bullsequana-ai/>

** The BullSequana AI 1200H product family plans to incorporate multiple GPU providers for AI workloads.*

Further information on the new BullSequana AI range

BullSequana AI offers a comprehensive stack of HPC, enterprise, and edge infrastructure, software and services. It delivers the performance, efficiency, and responsiveness critical to powering the next generation of AI – from the data center and cloud, to the edge and far edge. The new end-to-end offering includes five new server families optimized for AI workloads, supported by AI software. These are: BullSequanaAI 1200H, BullSequanaAI 800, BullSequanaAI 600 and AI 600H, BullSequanaAI 200, BullSequanaAI 100. This offer is ideally suited for data-critical applications in national centers, Life Sciences and Health; Earth Scientific Research (weather forecast and satellite image analysis), Finance & Insurance; Retail, the Public sector, Manufacturing and Datacenters. This offering is compliant with the EU AI act, providing the highest level of ethics and confidentiality in the development of Eviden's AI solutions.

About Eviden¹

[Eviden](#) is a next-gen technology leader in data-driven, trusted and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud and digital platforms, it provides deep expertise for all industries in more than 47 countries. Bringing together 47,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

About Atos

[Atos](#) is a global leader in digital transformation with c. 95,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high-performance computing, the Group provides tailored end-to-end solutions for all industries in 69 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea), and listed on Euronext Paris.

The [purpose of Atos](#) is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Press contact

Zohra Dali – globalprteam@atos.net