

Scientel Revolutionizes AI Database Technology with Support for GPUs in Gensonix AI DB Reaching Millions of GPU Cores

Gensonix AI DB from Scientel supports intermixing of CPU and GPU processing in a unified process reaching Millions of GPU cores Along with 1000s of CPU nodes

NOVI, MI, UNITED STATES, February 29, 2024 /EINPresswire.com/ -- Scientel, a leading provider of innovative technology solutions, has announced the support for GPUs in their Gensonix

[AI DB](#). This groundbreaking development allows Gensonix AI DB to now support thousands of CPU cores combined with millions of GPU cores, making it one of the most powerful and efficient AI databases currently on the market.



We are thrilled to announce the release of support for intermixed processing on GPUs and CPUs in Gensonix AI DB"

Norman Kutemperor

With the rise of artificial intelligence (AI) and machine learning, the demand for high-performance databases has increased significantly. Traditional databases struggle to keep up with the complex and massive data processing required for AI applications. However, Scientel's Gensonix AI DB, with its new support for GPUs, along with CPUs is set to change the game.

The integration of GPUs in Gensonix AI DB enables users to process and analyze large datasets at lightning-fast speeds. This means that AI applications can now run more efficiently than ever, providing very fast and accurate results. Additionally, the scalability of Gensonix AI DB allows for seamless integration with existing systems, making it a cost-effective solution for businesses of all sizes.

"We are thrilled to announce the release of support for intermixing of GPUs and CPUs in Gensonix AI DB," said Norman Kutemperor, CEO of Scientel. "This is a major milestone for us

GENSONIX[®] DB



Scientel - Gensonix AI DB

and a game-changer for the AI industry. With this new capability, Gensonix AI DB should be able to handle the most complex and demanding AI applications, providing our clients with unparalleled performance and efficiency."

Scientel's Gensonix AI DB with support for GPUs is now available in various configurations. Specifically, the Gensonix AI DB configurator can assign a single GPU to multiple CPUs for CPU intense jobs as well as assign Multiple GPUs to a single CPU for GPU intense jobs. This is a feat currently unmatched by many of the leading competitive systems. Thus Gensonix AI DB can reach millions of cores for Ultra Parallel Processing for AI.

This development further solidifies Scientel's position as a leader in cutting-edge technology solutions. With this release, Scientel continues to push the boundaries of what is possible in the world of AI and database technology.

For more information about Gensonix AI DB and its support for GPUs, please contact the Scientel sales team at sales@scientel.com.

About Scientel

Scientel, is a U.S.-based, Database Management Systems Technology Company. Scientel also designs/produces highly optimized high end servers, bundled with its "GENSONIX® ENTERPRISE" DB software, as a single-source supplier of complete systems for Big Data environments. Scientel also customizes hardware and software for specific applications resulting in higher performance. Scientel's Elastic Scaling Servers can support 1000's of compute nodes in a single cluster to meet customer required speeds with virtually any data size.

Scientel's specialty is advanced NewSQL DBMS design and applications/systems integration for advanced business processes. This includes applications in the area of AI, Big Data, Commercial Intranets and ERP systems combined with IT consulting and support, for "beyond mainframe-level" Large Data Warehouse Appliances.

Scientel's GENSONIX allows very user-friendly data manipulation capabilities found in standard, SQL-based, database management systems, but it goes beyond with its ultra-procedural NSQL©™ development system. It is truly an "ALL-in-One SQL" -- an "All Data Management System" in the form of an ultra-flexible, NewSQL DBMS of perfectly general capabilities and application potentials. It can also function in concert with SQL systems to efficiently handle both structured and unstructured data stored in different data stores in a single DB as a large data warehouse repository. However, it can handle heavy database loads by itself with the aid of the GENSONIX® NSQL query/procedural language. GENSONIX® is capable of handling trillions of rows/transactions for billions of customers, which is a huge advantage in "truly Big Data" structured applications.

Business customers can take advantage of Scientel's capabilities in advanced Business

Intelligence and Data Analytics to grow their business by handling Big Data more cost-effectively and with greater insights to remain competitive. Scientific, government, and similar organizations can use these capabilities to efficiently process Big Data, instead of being swamped by it.

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