

SC25: Phison Accelerates AI Workloads with Expanded Infrastructure Portfolio

New PASCARI enterprise SSDs and demonstration of aiDAPTIV+ AI Agents running on an integrated GPU (iGPU) powering AI and HPC from client to cloud

St. Louis, MO — November 18, 2025 — [Phison Electronics](#) (8299TT), a global leader in NAND flash controllers and storage solutions, today announced its next-generation PCIe Gen5 enterprise SSDs, the [Pascari X201](#) and [Pascari D201](#), and a demonstration of AI agents running on a laptop PC powered by an integrated GPU and Phison [aiDAPTIV+](#) GPU memory extension technology. Together, these innovations deliver the performance needed to power AI workloads for IT departments and universities all the way through to hyperscalers and enterprise data centers.

As data volumes and AI compute demands soar, enterprises need storage that delivers consistent low latency, predictable QoS, and efficiency at scale. Meanwhile, IT departments and universities face the challenges of early AI adoption and defining ROI. Phison addresses these requirements with the Pascari X201, built to accelerate data-intensive workloads, and the Pascari D201, providing density-optimized performance for cloud and object storage clusters. On the client side, aiDAPTIV+ brings AI to a broader audience by enabling powerful inference-based AI agents to run on iGPU-based laptop and desktop PCs, driving productivity in corporate environments and [expanding AI learning opportunities for students](#).

This product suite expansion follows the cutting-edge, high-capacity Pascari D205V Gen5 PCIe 122.88TB launch, currently shipping to select OEM customers and delivering a unique E3.L form factor. These innovations paved the way for the next iteration of leading capacity up to 245TB coming to the Pascari portfolio.

“Every sector of the modern economy is on some phase of the AI journey, from awareness or early adoption to large-scale deployment, and storage is vital at every stage,” said Michael Wu, GM and President of Phison US. “Phison integrates controller, firmware and IP development under one roof to deliver purpose-built storage solutions for each use case. This offers customers the performance, capacity, and scale to achieve real ROI with AI, whether you are just beginning to train or operating an enterprise data center”

“AI and high-performance computing are transforming how enterprises approach infrastructure, from endpoints to data centers,” said Jeff Janukowicz, Research Vice President at IDC. “The demand for low-latency, power-efficient storage that can seamlessly scale across training, inference, and data management has become a strategic priority. Companies like Phison, with their Pascari enterprise SSD portfolio and aiDAPTIV+