IMPROVE YOUR STORAGE EFFICIENCY:

AI Storage Solutions for High Performance, Flexibility and Scalability

PNY | **PEAK AIO**

PNY, Your Key Solution Partner in the AI Ecosystem

PNY Technologies is leading the way in AI innovation, setting new standards in the industry. As a key partner, PNY offers end-to-end solutions in the AI ecosystem, including compute, storage, networking, and complete software stack. With our deep expertise, we can define what are the best applications and storage strategies that will help you on your journey to AI.

BENEFITS OF AI STORAGE

Data Protection and Security

AI storage solutions come with robust security features. This includes encryption, access controls, and auditing capabilities.

Flexibility and Adaptability

AI storage solutions are designed to be flexible and adaptable to different types of AI workloads.

Advanced Analytics and Data Insights

Optimized AI storage can help support those analytics, and more accurate, insightful, and responsive to real-time data.

Automation of Routine Tasks

AI storage can automate many routine storage management tasks, such as provisioning, data migration, and backup.

About PEAK:AIO

PEAK:AIO is a Software Defined Storage platform designed from the ground up to meet the specific needs of AI Applications. Deployed on server technology to create an AI Data Server that delivers the ultra-low latency and incredible bandwidth needed to optimise GPU utilisation.

BENEFITS

- ✓ Performance
- ✓ Simplified Data Shareability
- ✓ Zero Maintenance
- ✓ Priced for AI Scalability

WHY NVIDIA® + PEAK:AIO?

- • The system is designed for NVIDIA eco-system: easy scalability, accommodating growing storage needs without added complexity.
- • Improved GPU performance for AI workloads, optimizing data processing efficiency.
- • It reduces the costs associated with high-performance storage solutions in AI environments.

FOR MORE INFORMATION:

Contact your PNY representative or email **PNYPRO@PNY.EU**

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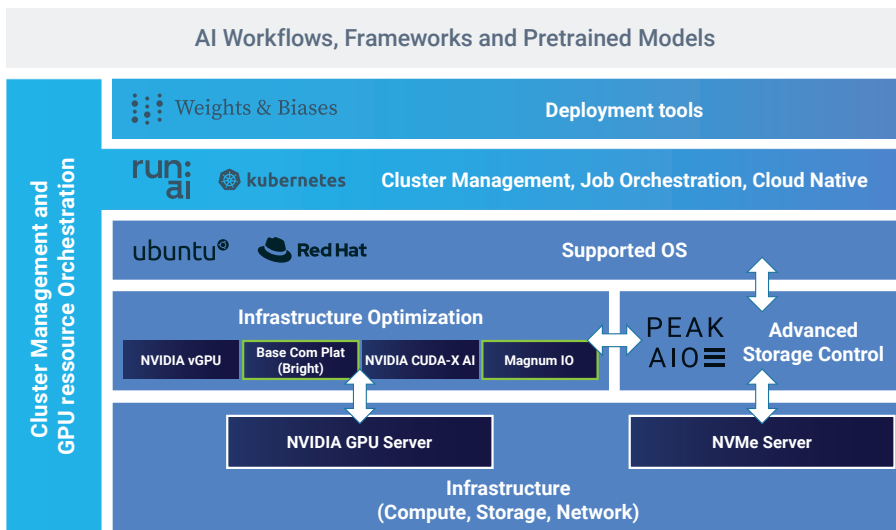
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PEAK:AIO AI Data Servers: harness the full potential of AI

PEAK:AIO is a software package that converts a standard NVMe storage server into an ultra-performance AI Data Server; replacing the traditional storage appliance, at a price point suited to a market with tight budgets.
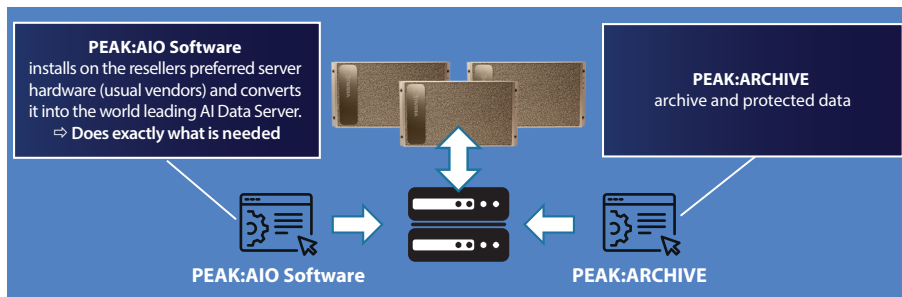
PEAK:AIO AI Data Server

KEY BENEFITS

- ✔ GPU-ready performance
- ✔ Evolved file system and features
- ✔ Cost effective
- ✔ Fault tolerance and flexible features
- ✔ Scalable

AI Workflows, Frameworks and Pretrained Models

Weights & Biases — Deployment tools

run:ai — kubernetes — Cluster Management, Job Orchestration, Cloud Native

ubuntu — Red Hat — Supported OS

Cluster Management and GPU ressource Orchestration

Infrastructure Optimization

NVIDIA vGPU | Base Com Plat (Bright) | NVIDIA CUDA-X AI | Magnum IO

PEAK AIO — Advanced Storage Control

NVIDIA GPU Server — NVMe Server

Infrastructure (Compute, Storage, Network)

AI Storage Configuration

PEAK:AIO Software installs on the resellers preferred server hardware (usual vendors) and converts it into the world leading AI Data Server.
⇨ **Does exactly what is needed**

PEAK:ARCHIVE archive and protected data

PEAK:AIO Software — PEAK:ARCHIVE

PEAK:ARCHIVE: AI Data Archiving and Protection

PEAK:ARCHIVE is the first fully autonomous NVMe flash archive solution, eliminating administration, reducing costs, and offering unparalleled density and power efficiency with 1.4PB in just 2U.

PEAK:ARCHIVE for AI

KEY BENEFITS

- ✔ Data Security
- ✔ Compliance & Validation
- ✔ Efficiency

In AI, data archiving ensures recovery, protection, and compliance. PEAK:ARCHIVE eliminates the need for additional software or administration.

PEAK:ARCHIVE for Traditional IT Environments

KEY BENEFITS

- ✔ Performance & Security
- ✔ Compatibility
- ✔ Affordability

Fully compatible with existing backup applications, ideal for IT organizations. This ensures near-instant recovery and robust ransomware protection.

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