DDN Parallel Storage for Faster Financial Analytics

The Only AI and Analytics Data Solution proven at Any Scale.

DDN is the World's Largest Privately Held Storage Company
Market Leader With Global Presence
10,000+
Customers
1,000
Employees
20+ Years
of Industry Leadership
10
Technology Centers Around the World

A Few Use Cases Across Markets and Industries

World's Largest Natural Language Processing

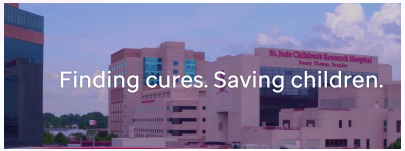
DDN designed and delivered an AI data platform in under 30 days that enables full GPU saturation on over 150 nodes.

Making Safe, Intelligent Mobility a Reality

DDN's cost-effective hybrid solution manages 100s of PBs needed for global autonomous driving implementation

Powering the UK's Most Powerful Supercomputer

Solving critical healthcare and data-science problems, lowering healthcare cost and greatly improving patient outcomes



GPU-accelerated Clinical and Research Genomics

With other storage vendors, our applications run 20X slower and GPUs waste 90% of cycles waiting for data to be delivered."

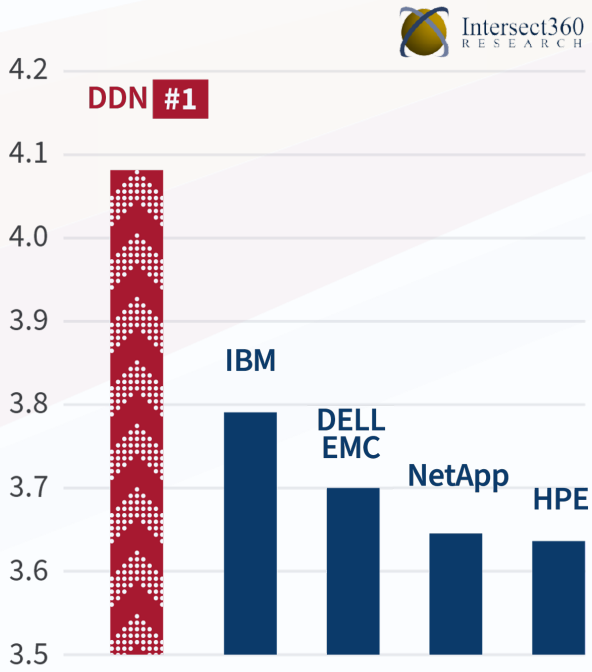
Leadership in AI, Data At Scale and Rated #1 by Users

THE LEADER IN AI

Reference architecture for NVIDIA POD and SuperPOD and the leading AI and Analytics provider

THE LEADER IN AT-SCALE

Powering world's most demanding IT infrastructures and workloads



Intersect360 Research, HPC User Ratings Survey, September 2020.

- **Highest overall score**
- **Highest technical score**
- **Highest operational**
- **Highest future purchases**

DDN STRONG PARTNERSHIP WITH NVIDIA

NVIDIA partners with DDN to fast track HPC and AI in Research Data Centers Globally

DDN A^{3}I Solutions power the largest supercomputers operated by NVIDIA, including SELENE ranked #5 on TOP 500, #1 on GREEN 500.

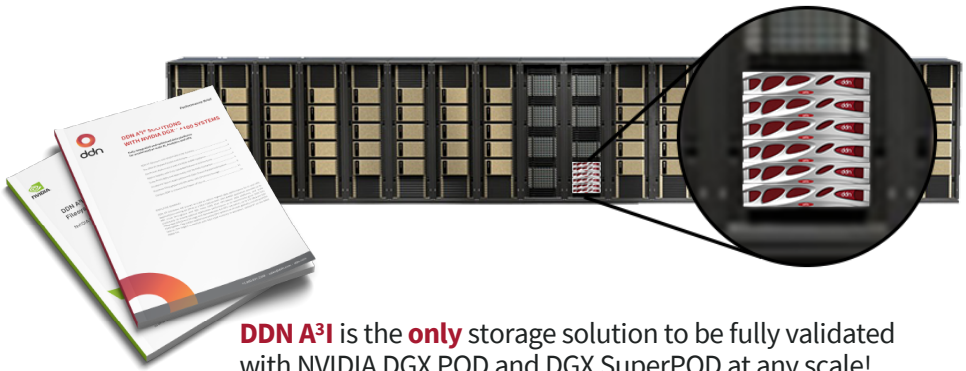
AI at All Scales Success

DDN A³I with NVIDIA DGX™ POD and SuperPOD™ Reference Architectures

NVIDIA selected DDN A³I for
SELENE, CAMBRIDGE-1
AI Supercomputer systems

NAVER CLOVA AI Platform
Speech and image recognition
for online services in South Korea

VinAI selects DDN A³I for
Autonomous driving, AI, NLP,
Computer Vision, & Speech Recognition



DDN A³I is the **only** storage solution to be fully validated with NVIDIA DGX POD and DGX SuperPOD at any scale!

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ai400x2 Next Generation HPC & AI Data Platform from DDN

90 GB/s read, 65 GB/s write in 2RU

All Flash and Hybrid • HDR 200 IB, 200 GbE

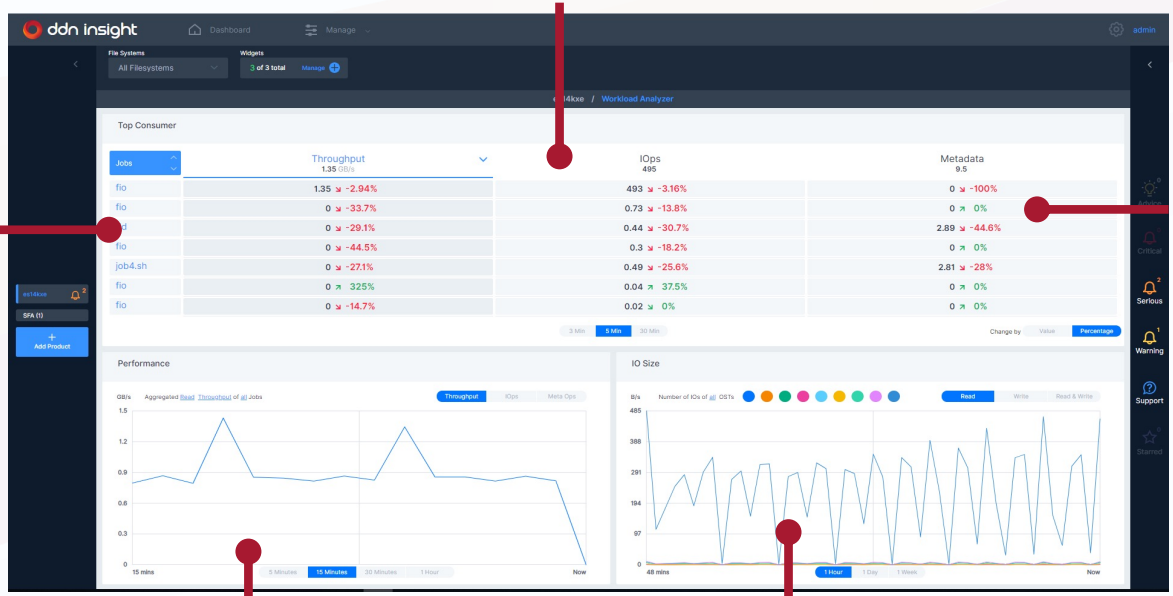
Validated with NVIDIA DGX A100 Systems, POD and SuperPOD

- **Available For Order Now**

A Complete Dashboard to Analyze Workloads

User can re-order by Throughput, IOps or Metadata activity

Running Jobs



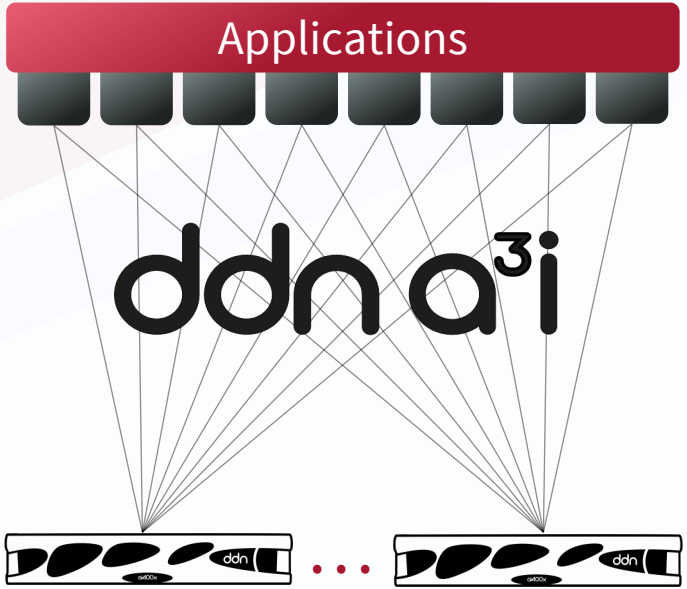
Workload Analyzer

Aggregate Performance of Selected Jobs

IO Size (read, Write, or Both)

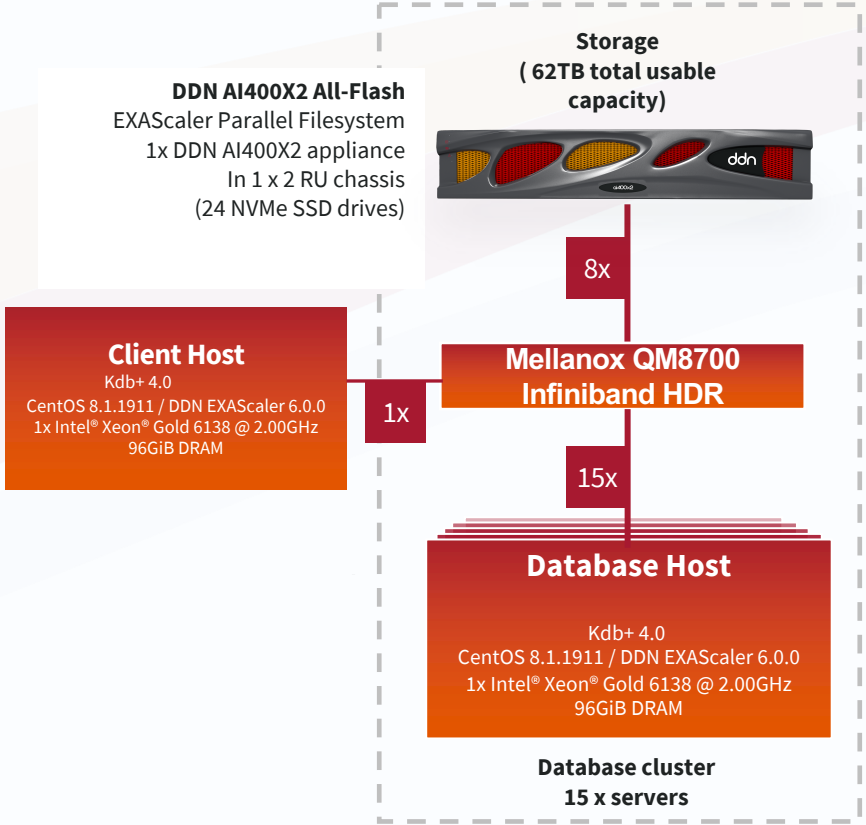
DDN A³I Keeps Your Whole AI Environment Fully Optimized

- **A³I Application Acceleration**
  Parallel I/O into every application
- **DDN First to Integrate NVIDIA GPUDirect**
  with fully granular and balanced traffic between all applications and all storage servers
- **No Backend Complexity**
  DDN A³I frees up resources and doesn't consume cycles with backend data movements



DDN AI400X2 Test Platform

- Simple All NVMe DDN Storage Appliance with a complete parallel filesystem embedded
- KDB+ 4.0 Time Series Analytical Database Software
- Total 16 client systems (database Hosts and one client hosts)



New A³I Solutions for Finance

Faster Workloads, Simpler Experience, More Powerful Monitoring and Management

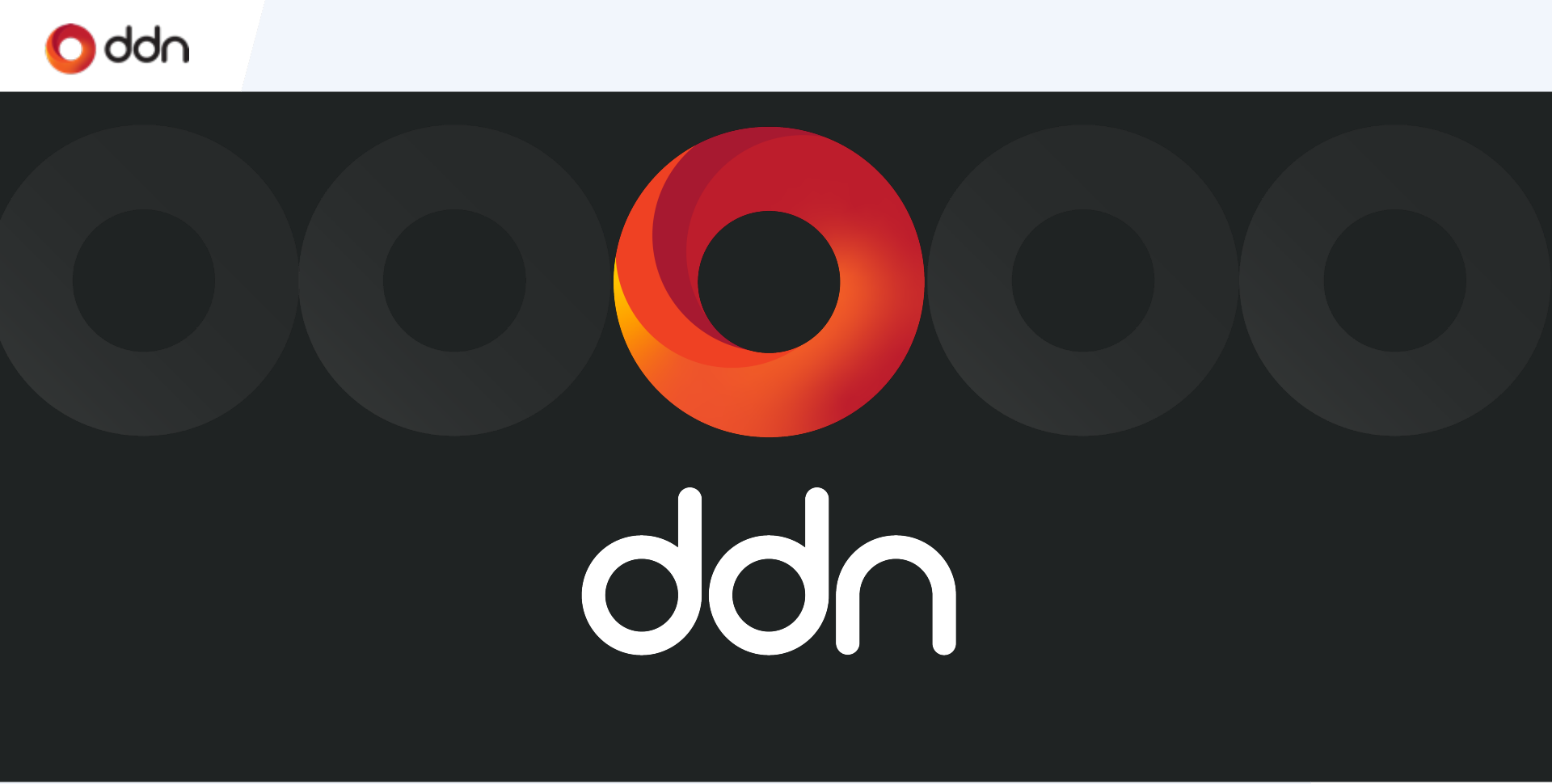
Mature and High Performance Appliances that start at 2RU and Scale up or Scale Out

- Lower Latency accessing real time data
- Limitless Datagrowth with good economics
- Multi-tenancy for segregated security

Easy Setup, Speedy Operation from the experts in Scale

World Leading Performance for a single 2RU up to 90GB/s* and 3M IOPs*

* Not a STAC benchmark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