DDN: The AI Data Company

The Most Powerful Storage for the World's Most Demanding Workloads

DDN is the World's Largest Privately Held Storage Company

Market Leader With Global Presence

11,000
Customers

1,000
Employees

22 Years
of Industry Leadership

10
Technology Centers Around the World

THE WORLD'S FASTEST HPC AND AI STORAGE MADE SIMPLE

Delivering Highest AI Acceleration

DDN is #1 in data throughput, AI workflow acceleration, GPU infrastructure acceleration

Risk Free AI Delivered at Any Scale

DDN frameworks enable effortless and cost-effective expansion of data sets, powering the complex workloads businesses critically rely on

Pioneer and Proven AI Provider

DDN powers the world's largest AI supercomputers and leading AI systems globally

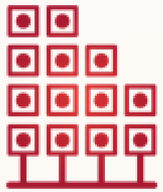
AI and Analytics is Disrupting the Way the Finance Industry Uses and Manages Data

Data is a necessary strategic tool to deliver accurate real time insight to make business decisions, enhance customer experiences and take advantage of changing market conditions.

Existing IT and Data Storage Systems are Inadequate to handle the very high speed and massive scale requirements of AI and Analytics

A New High-Performance Data-Centric IT Approach Is A Necessity to succeed and thrive in today's AI-driven world

End-to-End AI Data Lifecycle Challenges

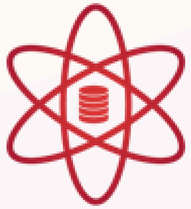


01 Acquire

Novel data sources and finer granularity place strain on ingest capabilities.

02 Process

Mixed file types and multiple access methods aren’t accounted for in current design.



03 Train

Slow and unreliable systems delay or don’t deliver results.

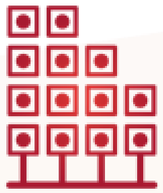
04 Production

The move to production is blocked because of scaling issues.

05 Store

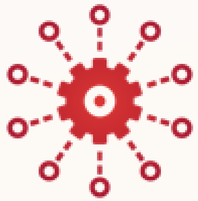
Current storage isn’t flexible enough or designed for future capacity requirements.

DDN is the Best Solution for the NLP Data Lifecycle



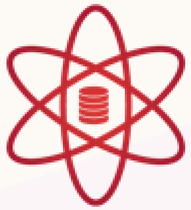
01 Acquire

Ingest 10s of millions of documents, audio and video in real time. High Write Performance allows for real-time NLP even with high volume bursts



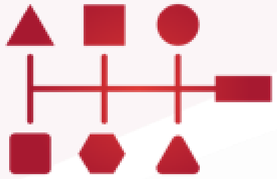
02 Process

10x more IOPs from flash significantly speeds up your pre-processing – label, clean, transform incoming media files quickly



03 Train

Specific DDN optimizations for GPUs and AI Frameworks accelerate your deep learning workloads allowing you to train on all your data



04 Production

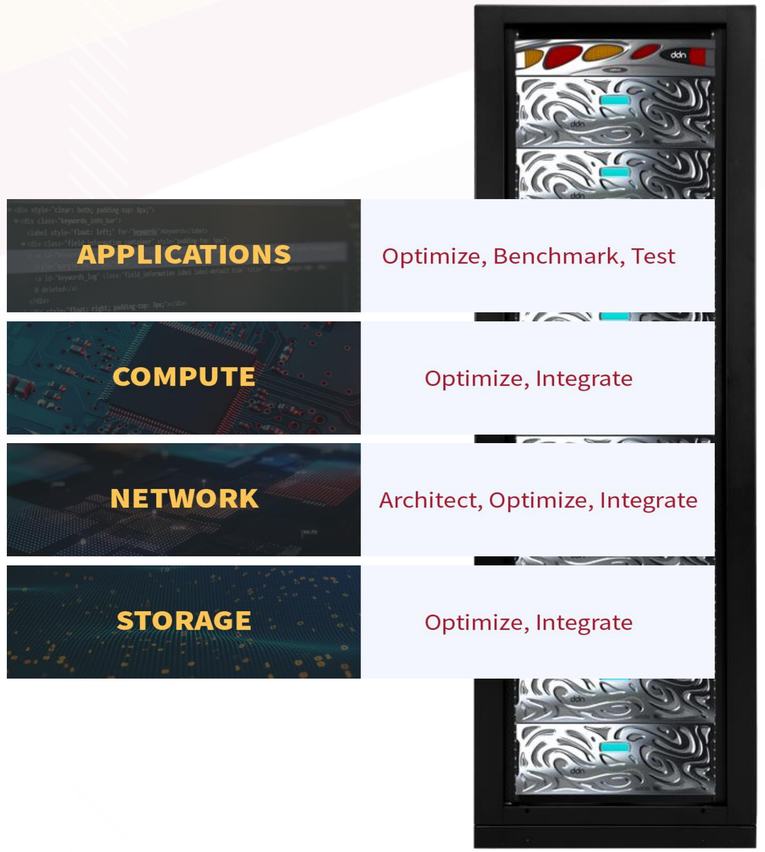
DDN's AI team and inbuilt automation reduces time to production to a few hours and provides expert help when you need it.

05 Store

AI storage that scales to 100s of PetaBytes cost effectively. Automated management keeps your hot data in Flash for maximum performance

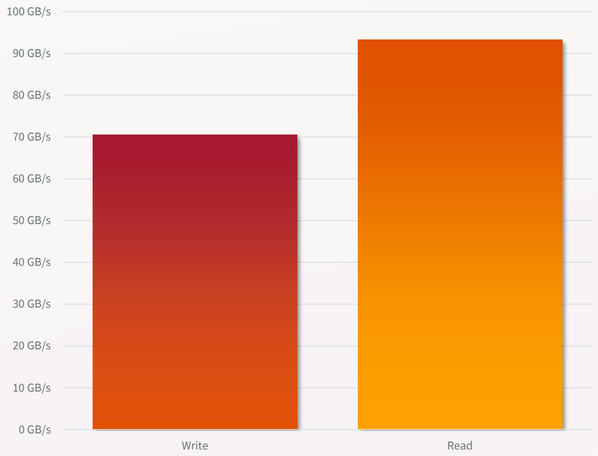
Proven Solutions for Data Intensive Financial Workloads

- **SAS GRID**
  - Qualified solutions on prem and in Public Cloud
- **KX Systems**
  - Proven Systems with leading performance
- **Shakti**
  - Novel super fast time series analytics database
- **NLP**
  - High Capacity scaling, strong ingest systems
- **AI**
  - Fully qualified and tested NVIDIA + DDN Solutions
- **Tic Data Analytics and Back Testing**
  - The strongest at scale, parallel random access



AN ENTIRELY NEW CLASS OF TIER 1 STORAGE FOR AI

Unchallenged Performance



Easy to Deploy, Easy to Manage

No Limits to Scale

- AI Optimized
- 100% Parallel

Complete Data Protection and Security Suite

STAC-M3
Results Nov 2021

SUT ID: KDB211014
One DDN AI400X2 appliance and 16 clients

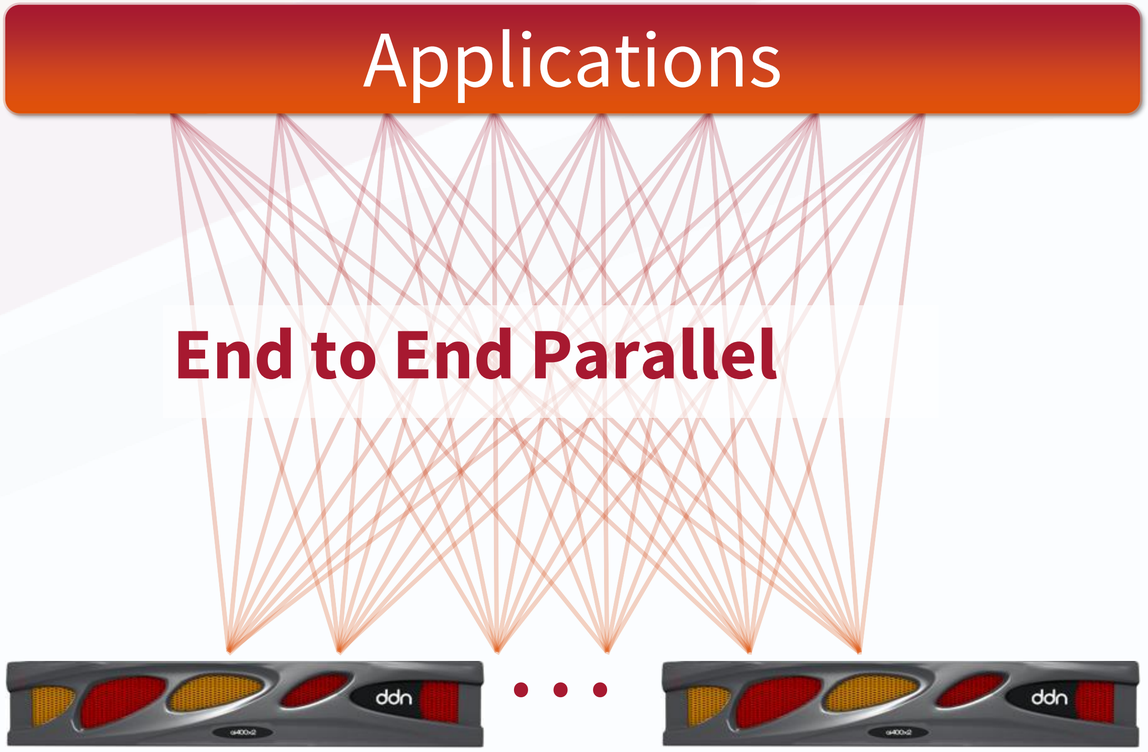
Speedup of > 55% benchmarks with **50%** storage resources compared to two previous generation DDN appliances.

Faster in 12 of 17 mean response time Antuco benchmarks and 19 of 24 Kanaga benchmarks versus a kdb+4.0 solution on a parallel file system with 15 DB server nodes and 40 storage server on public cloud (KDB210507).

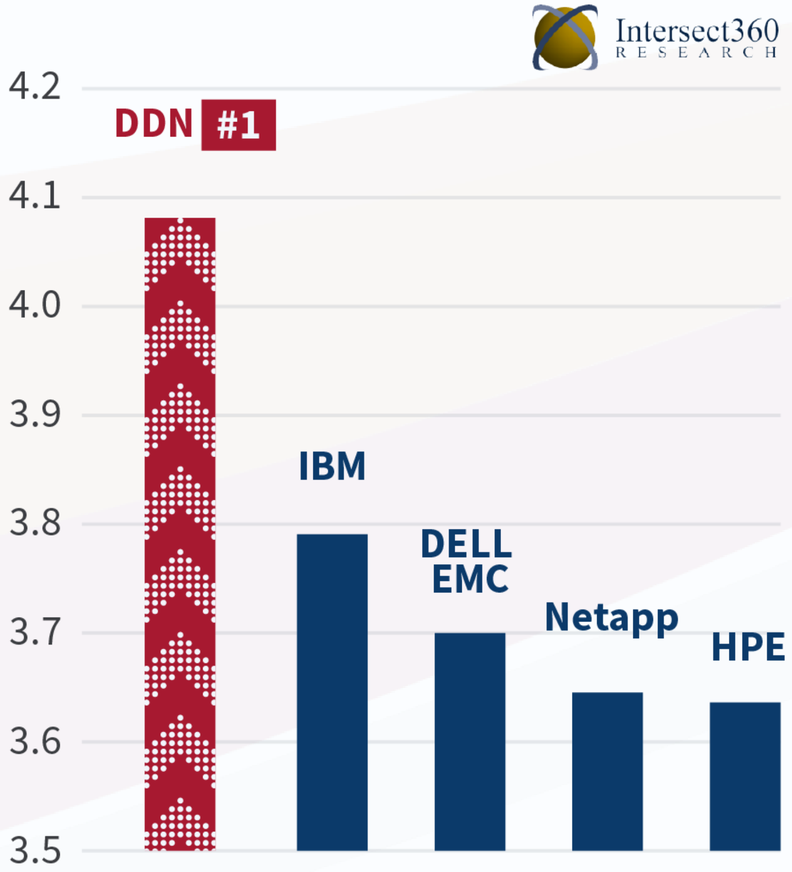
Faster in 11 of 17 mean response time Antuco benchmarks compared to competitive all-flash NAS solution in 1/3 the data center rack real estate (KDB210929).

DDN's True Parallel Architecture Makes Your AI Infrastructure Work Harder and Stays Simple as you Scale

- **More Answers per Day**
  Move data between applications over 12x faster than with NAS
- **The Best Efficiencies from your Infrastructure**
  Fully balanced data between applications and storage
- **Simpler Systems made for Any Scale**
  No backend congestion or complexity



Users Rate DDN #1 in Every Category



Intersect360 Research, HPC User Ratings Survey, September 2020.

- Highest Overall Score
- Highest Technical Score
- Highest Operational Score
- Highest Future Purchases Score

ddn

The Need for a Modern AI-Enabled Digital Transformation

* To Achieve Competitive Business Insight, Data Needs to be Analyzed in Real Time Everywhere

* Workloads Are Very Diverse and Achieving Efficiency Without Any Data Silos is Essential

* Data, Network and Compute Are in Disparate Locations, Both on Premise or in the Cloud

* A Flexible and Scalable Hybrid Cloud Data Framework is Necessary and Highly Complex

* Implementing Robust Data Security and Governance Are Organizational Requirements

* Data Infrastructures Must Rapidly Change to Adapt to Competitive Business Needs