

# **DDN Storage**

**Accelerating AI Enabled  
Financial Trading**



**ddn**

The AI Data Company

# DDN is a Company Focused on Delivering Full Stack AI

## Technology

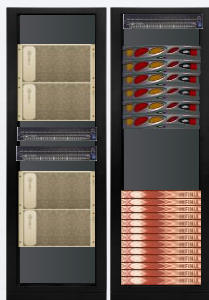
**Field Proven Technology**  
Optimized for End-to-End  
Reliable Operation at Scale

## Team

**650 DDN Engineer Experts** Developing  
and Deploying the World's Safest and  
Highest Efficiency Storage at Scale

## Experience

**250,000 GPUs and DGX/HGX**  
**Deployed with DDN.** We Power More  
AI at Scale than Anyone Else



*“The real differentiator is DDN. I never hesitate to recommend DDN. DDN is the de facto name for AI Storage in high performance environments”*

~ Marc Hamilton  
VP, Solutions Architecture & Engineering | NVIDIA



<b>APPLICATIONS</b>	Optimize, Benchmark, Test
<b>COMPUTE</b>	Optimize, Integrate
<b>NETWORK</b>	Architect, Optimize, Integrate
<b>STORAGE</b>	Optimize, Integrate

## World Leading Provider of AI Storage for Data Centers and Clouds at Scale



**NVIDIA EOS USA  
AI SUPERCOMPUTER**



**NEC JAPAN AI  
RESEARCH**



**BERZELIUS SWEDEN DATA  
CENTER**



**CAMBRIDGE-1 UK LIFE  
SCIENCES**



**PARAM SIDDHI INDIA AI  
RESEARCH**



**NAVER SOUTH KOREA AI  
CLOUD SERVICES**



**HIPERGATOR DATA CENTER U  
OF FLORIDA**



**LAMBDA NVIDIA DGX CLOUD  
SERVICE**



**SELENE: WORLDS 1ST AI  
SUPERPOD NVIDIA**



**SCALEWAY EUROPE  
CLOUD AI DGX**

## DDN Storage Solutions for 128 DGX H100 (1024 GPU)

16x DDN AI400X2 + 3 AI400X2 (Metadata) | 42KW | 1 Rack | 8 PB | 1440GB/s Read | 1040GB/s Write



Over 1TB/s Read & Write



1 Rack. No Backend Network

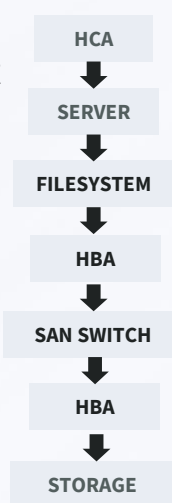


Choose 8/16/32 PB All Flash

## Reduce Complexity, Cost and Risk

Fully-integrated and optimized data platforms are easy to deploy and manage at-scale!

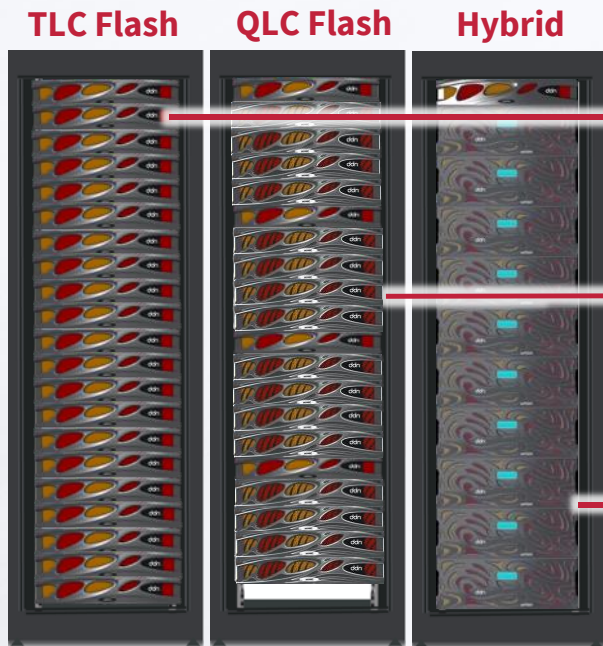
- **Turnkey appliance**, DDN has spent 10 years collapsing the infrastructure and virtualizing services to provide the smallest footprint and most efficient appliances
- **Feature-rich** data management and security: hot pools, hot nodes, encryption, all virtualized into just 2RU
- **Advanced capabilities** ideal for multi node and hyperscale AI infrastructure deployments with analytics.



**SIMPLIFIED  
STACK**



## DDN Delivers the World's Most Performing Storage At Any Scale



### **Best IOPS & Throughput per rack**

Up to 70M IOPS in a single rack  
 1.8 TB/s of read throughput  
 1.4 TB/s of write throughput  
 16PB of Flash

### **Best Price per Flash TB**

Up to 14M IOPS in a single rack  
 360 GB/s of read throughput  
 240 GB/s or write throughput  
 Up to 26PB of Flash

### **Best Price per TB**

20PB per Rack  
 90 GB/s of read throughput  
 65 GB/s of write throughput



**If you are looking for storage today for AI or HPC, DDN has a really strong product with this QLC system. We have found it really effective in production. Support team is good the engineering is fantastic and we highly recommend them.**

~ Alex Davies  
CTO, Jump Trading



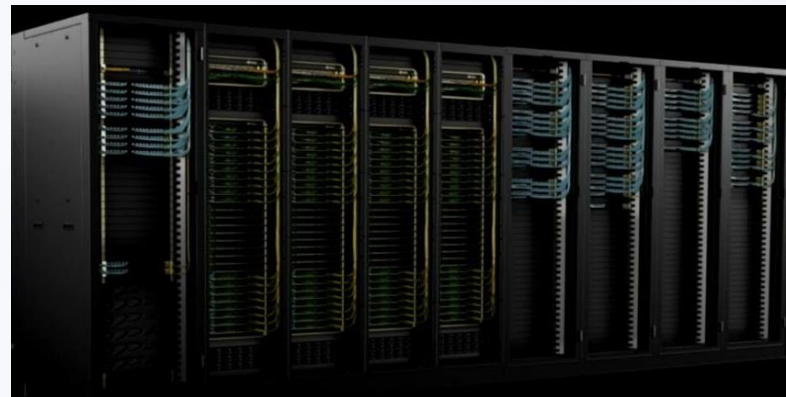
## The Solution of Choice for NVIDIA DGX/HGX SuperPODs and Blackwell



### DDN

**Proven** for AI and HPC Data Centers and Cloud  
**Safety**. Speed, Scale and Power Optimized  
**Experts** in Full Stack Optimized Design at Scale

Future Proofed for **NVIDIA Blackwell** SuperPODs



**DDN = GPU + CPU + Network + Storage Efficiency at Scale**





ddn