

## Dell & WEKA High-Performance Storage for HPC & AI

High Performance Parallel File System Solution for HPC and AI workloads requiring maximum performance

### Overview

- NVIDIA HGX Certified
- NVMe and NVMe-oF (RDMA)
- POSIX, NFS, S3 and SMB protocol support

### Simplicity

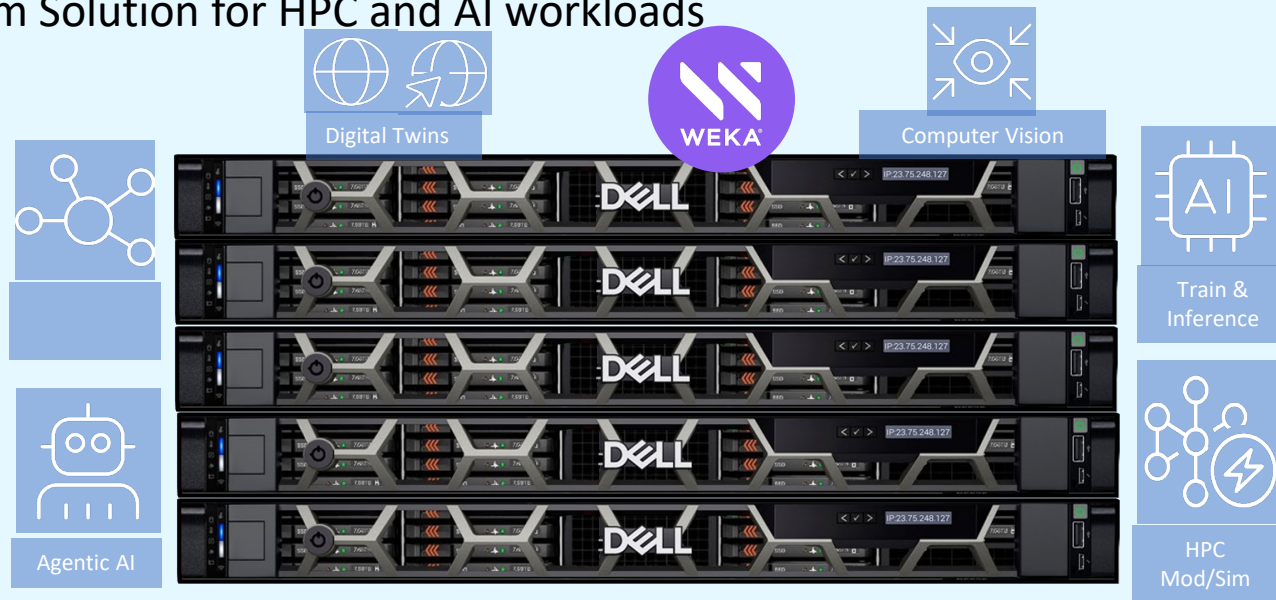
- REST API for orchestration, CLI, GUI, K8s CSI Plugin
- Automatic high performance
- Non-disruptive upgrades and capacity expansions
- S3 Based Tiering/Cloud Bursting to PowerScale, ECS, AWS, Azure, GCP, OCI
- NVIDIA Base Command Manager Integration
- Multi-tenancy with RBAC based administration

### Scalability

- Strong handling of small files and metadata intensive tasks
- Linear performance scaling

### PowerEdge Based Platform with WEKA Software

AMD 48-core  
384GB RAM DDR5  
BOSS controller 2x 960GB M2  
2x 400Gb Ethernet or IB (2xNVIDIA CX-7)  
2x10/25Gbe (1x NVIDIA CX-6) for management  
E3.s GEN5 NVMe SSDs  
N+2, N+4 Data Protection



WEKA Build	Capacity (usable)	Performance	Promotional Cost
Small	553 TB	- 260GB/s Throughput - 8M IOPs	\$597,288
Medium	1.52 PB	- 580 GB/s Throughput - 17M IOPs	\$1,249,680
Large	5.30 PB	- 1.3PB/s Throughput - 52M IOPs	\$3,331,818