Drive AI innovations faster with Dell PowerScale

A key component of Dell's AI-ready data platform

Next-generation All-flash PowerScale Lineup

AI-optimized storage delivering new levels of performance at scale, multicloud agility, embedded federal-grade security, and exceptional efficiency

PowerScale OneFS

PowerScale F210

Optimal platform for performance and small deployment

PowerScale F710

Balanced platform for high performance and density

PowerScale F910

Ideal platform for performance and capacity

Unlock GPU potential for large-scale training

Support uninterrupted model training and prevent GPU idling with up to 300 PBs of storage for optimal performance

Power AI anywhere on data everywhere

Ensure consistent on-prem experience and interoperability across cloud and cloud-adjacent environments with multicloud flexibility

Guard against data poisoning and AI model inversion

Protect the AI process from attack and safeguard your intellectual property with federal-grade embedded security

Maximize return on AI investment

Manage AI data growth and reduce your data center footprint with highly dense and efficient storage infrastructure, keeping sustainability top of mind

The world's most flexible[1], secure[2], and efficient[3] scale-out NAS just got better

World's first ethernet-based storage vendor certified with NVIDIA DGX SuperPOD

Fastest time to AI insights with up to

127%

improved throughput[4]

Greater power efficiency with up to

2x

Performance-per-watt[5]

6x

greater cluster performance compated to Azure NetApp Files[6]

END-TO-END VALIDATED SOLUTION FOR AI

Take advantage of a full-stack Dell Portfolio of compute, storage, and networking with Dell Validated Design solutions and Gen AI professional services to bring AI to your data anywhere

1. Based on Dell analysis, February 2023
2. Based on Dell analysis comparing cyber-security software capabilities offered for Dell PowerScale vs. competitive products, September 2022
3. Based on Dell analysis comparing efficiency-related features: data reduction, storage capacity, data protection, hardware, space, lifecycle management efficiency, and ENERGY STAR certified configurations, June 2023
4. Based on internal testing, comparing streaming write of F910 on OneFS 9.8 to streaming write of F900 on OneFS 9.5. Actual results may vary. April 2024
5. Based on internal testing of streaming write figures to obtain percentage increase of performance per watt of F910 on OneFS 9.8 and F900 on OneFS 9.5. Actual results may vary. April 2024
6. When comparing APEX File Storage for Azure with Azure NetApp Files. Based on Dell analysis, March 2024. Performance comparing read throughput per cluster.