

FLASHBLADE

Industry's first cloud-era flash, purpose-built for modern analytics and designed to drive tomorrow's discoveries, insights, and creations

POWERING INDUSTRY'S APPLICATIONS

DEEP LEARNING

Accelerate training for more accurate models

HADOOP & SPARK

Simplify data management complexities without compromising performance

GENOMICS ANALYSIS

Boost sequencing pipelines for faster discoveries and treatment

SCIENTIFIC COMPUTING

Simulate and test increasingly complex models in less time

OIL & GAS

Accelerate time-consuming workloads to find oil faster

FINANCE

Speed up risk analysis and valuation models to stay ahead of the market

SOFTWARE DEVELOPMENT

Drive engineer productivity by eliminating wait time in build and test cycles



FROM BIG DATA TO BIG INTELLIGENCE

In the new age of big data, modern applications and compute technologies leverage massively parallel architecture for performance. From scientific research and movie rendering to artificial intelligence, applications push the limits on thousands of GPU cores or thousands of CPU servers. Parallel compute demands parallel storage.

FlashBlade is the industry's first all-flash storage purpose-built for modern analytics – architected from the ground-up to deliver a powerful cloud-era data platform that's fast, big, and simple.

FAST

- Elastic performance that grows with data, up to 17 GB/s
- Always-fast, from small to large files
- Massively parallel architecture from software to flash

BIG

- Petabytes of capacity
- Elastic concurrency, up to 10s of thousands of clients
- 10s of billions of objects and files

SIMPLE

- Evergreen – don't rebuy TBs you already own
- "Tuned for Everything" design, no manual optimizations required
- Scale-out everything instantly by simply adding blades

PURITY FOR FLASHBLADE

FlashBlade's massively parallel, "tuned for everything" design delivers highest, consistent performance for advanced applications with NFS, S3/object, SMB, and HTTP protocols. FlashBlade is as simple as it is powerful, and it's all driven by Purity//FB.

Purity//FB offers support for major enterprise features, such as snapshots, SMB, LDAP, Network Lock Manager, and IPv6.

THE FLASHBLADE DIFFERENCE

CLOUD-ERA FLASH

EFFORTLESS

Our solutions are always-on, and always fast. They're ultra-reliable and plug-n-play simple, with cloud-based management, predictive analytics, and unrivaled support and protection.

EFFICIENT

You save 10x on space while gaining 10x in speed. And your workloads are protected with service assurance: high mixed workload performance, and full performance even through failures and upgrades. No more tuning of anything – ever.

EVERGREEN

The only storage that gets better with age. Tired of forklift upgrades and maintenance extortion? Buy your TBs once, never rebuy them again, and never go through a disruptive migration. Expand capacity, performance, and features independently as you get value from your storage for a decade or more.



BLADE

SCALE-OUT DIRECTFLASH + COMPUTE

Ultra-low latency, 8, 17, and 52TB capacity options that can be hot-plugged into the system for expansion and performance

PURITY//FB

SCALE-OUT STORAGE SOFTWARE

The heart of FlashBlade, implementing its scale-out storage capabilities, services and management

FABRIC

SOFTWARE- DEFINED NETWORKING

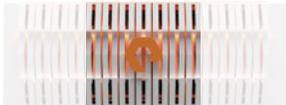
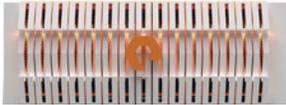
Includes a built in 40Gb Ethernet fabric providing a total network bandwidth of 320Gb/s for the chassis

POWER, DENSITY, EFFICIENCY

FlashBlade delivers industry-leading throughput, IOPS, latency, and capacity – in 20x less space and 10x less power and cooling.



SPECIFICATIONS

| | | 8 TB BLADE | 17 TB BLADE | 52 TB BLADE |
|------------------|---|----------------|----------------|-----------------|
| 7 Blades |  | 98 TBs Usable | 190 TBs Usable | 591 TBs Usable |
| 15 Blades |  | 267 TBs Usable | 525 TBs Usable | 1607 TBs Usable |

* Usable capacity assumes 3:1 data reduction rate. Actual data reduction may vary based on use case.

PERFORMANCE

17 GB/s bandwidth with 15 blades
Up to 1M IOPS

CONNECTIVITY

8x 40Gb/s or
32x 10Gb/s Ethernet ports / chassis

PHYSICAL

4U
1,800 Watts (nominal at full configuration)