

# FLASHBLADE FOR EDA

All-Flash Storage designed for the high concurrency semiconductor/EDA workloads of today that will drive tomorrow's next generation chip designs

## PURITY

SCALE-OUT STORAGE SERVICES WITH DIRECTFLASH



## SIMPLE TO MANAGE

Scale-out everything instantly by simply adding blades

NFS, Object/S3

Centralized cloud management and support via Pure1™



## HIGH PERFORMANCE

Up to 17 GB/s of bandwidth per chassis, and 1M IOPS

Fast metadata and IOPS operations

Consistent all-flash performance with no caching or tiering



## EXTREME SCALABILITY

Up to 10s of Petabytes

10s of Billions of files and objects

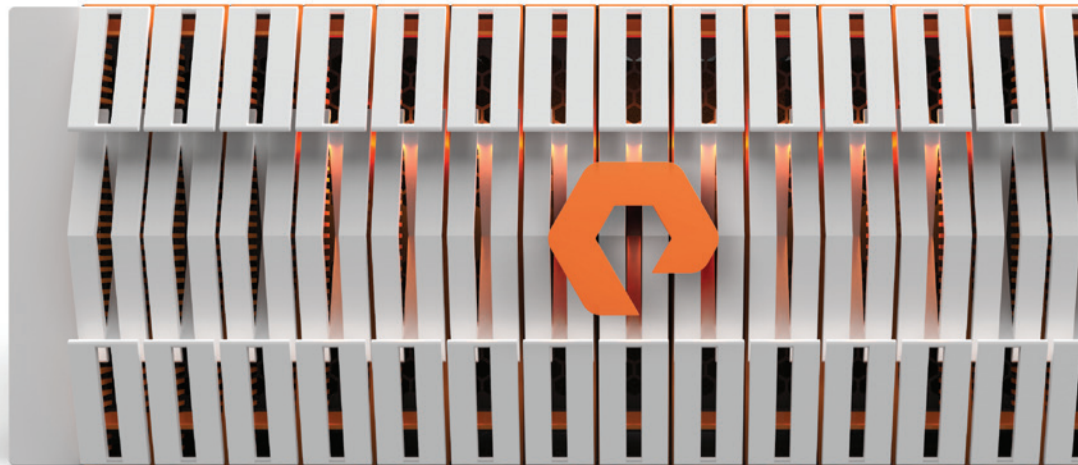
10s of Thousands of clients connected

All in an unbelievably small all-flash footprint

## HARNESS THE POWER OF DATA AT SCALE

In the new age of sophisticated semiconductor/Electronic Design Automation (EDA) applications leveraging thousands of powerful servers and extremely fast networks to access data for chip development, there is a demand for fast, simple, and efficient storage, which legacy architectures are no longer capable of providing.

What's needed is a new, innovative storage solution to support EDA workflows while providing best-of-breed performance in all dimensions of concurrency – including throughput, IOPS, latency, fast deletes, and capacity. A storage solution, moreover, that's as simple as it is powerful. What's needed is FlashBlade™.

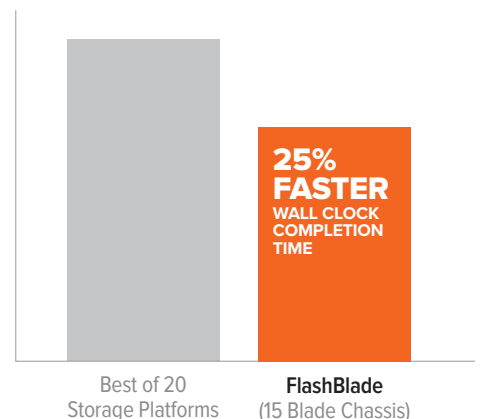


## SEMICONDUCTOR/EDA CHALLENGES

The verification workload comprises hundreds of millions of small files, very high metadata, and extremely high performance read, write, and delete requirements.

The Pure Storage FlashBlade product's innovative design provides high IOPS and throughput, and low latency and fast deletes – yielding an average 25% faster wall clock completion time.

Reduce licensing cost, reduce wall clock time, and improve time to market. FlashBlade is the storage solution for the future.



# 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 unrivalled 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 & 52TB capacity options that can be hot-plugged into the system for expansion and performance

## PURITY

### SCALE-OUT STORAGE SOFTWARE

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

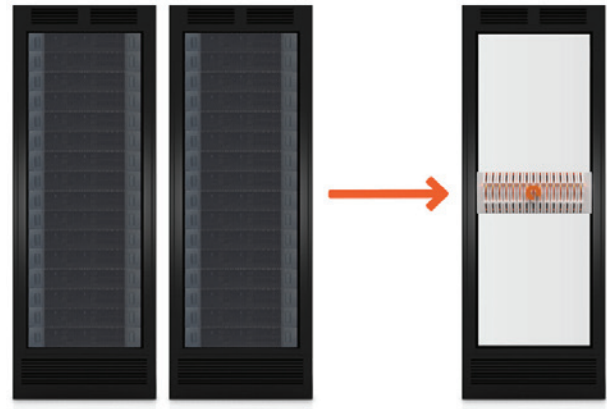
## FABRIC

### LOW-LATENCY, SOFTWARE-DEFINED NETWORKING

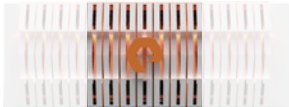
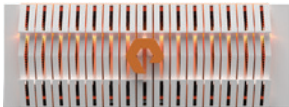
Includes a built in 40Gb Ethernet fabric providing a total network bandwidth of 320Gb/s for the chassis

## 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	52 TB BLADE
7 Blades		98 TBs Usable	591 TBs Usable
15 Blades		267 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 per chassis  
Up to 1M IOPS

### CONNECTIVITY

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

### PHYSICAL

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