

HPE Memory-Driven Flash

New class of enterprise storage empowering data at the speed of memory



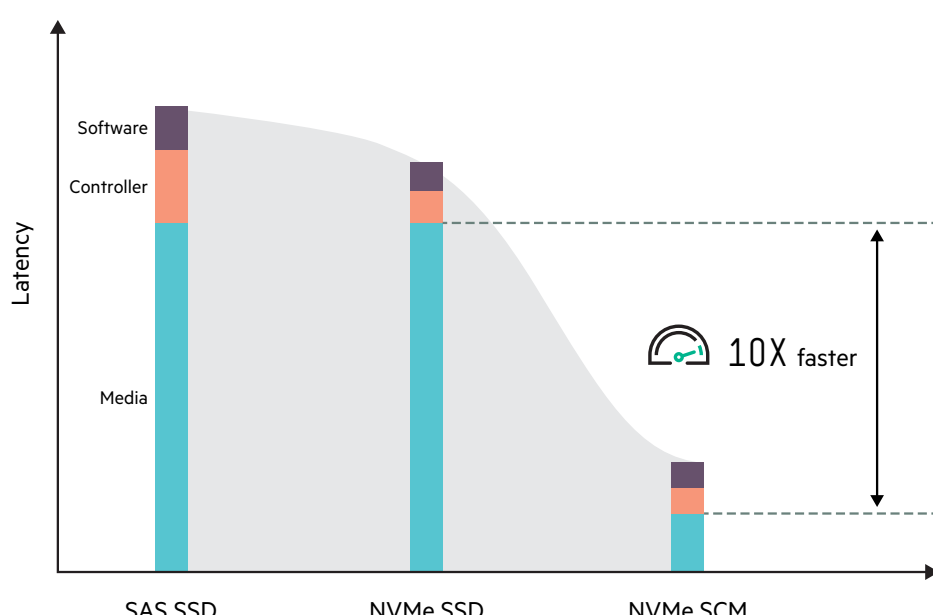
“The single **biggest concern** enterprises identify is **performance predictability**. Not only do enterprises require **predictably low latencies**, but they need to ensure that they can continue to meet defined service-level agreements (SLAs) **as their environments scale.**”

– IDC¹

Go further, go faster, and go beyond all-flash to break through the status quo



- Lower and more consistent latency
- Higher endurance
- More efficient



Four requirements to break through the performance barrier

- 1 Intelligent software-based acceleration**
- 2 Memory driven**
SCM closes the gap between DRAM and NAND Flash
- 3 Parallel processed**
NVMe gets the full benefit of SCM
- 4 Flash storage**
SSDs as a capacity tier

Introducing HPE Memory-Driven Flash

New class of enterprise storage empowering

Start fast

Up to 50% Lower latency

Stay fast

Average 200 μ s Latency or below

Always fast

Near 100% I/O within 300 μ s latency

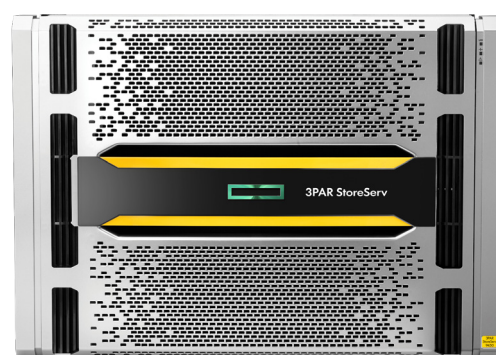
Making speed of memory practical and easy for everyone



Non-disruptive
No forklifts required



HPE Nimble Storage
Most efficient all-SCM-like performance with data reduction always on



HPE 3PAR Storage
Lowest predictable latency at scale for mission-critical workloads

Learn more at hpe.com/storage/memorydrivenflash

¹ IDC White Paper, sponsored by HPE, Enterprise Storage Evolves Beyond All Flash with Storage-Class Memory, Unleashing a New Generation of Innovation, Nov 26, 2018.