

# 12 Reasons why you should choose HPE Alletra 5000



## HPE Alletra 5000

With HPE Nimble Storage & Primera in its' ancestral lineage, you can be sure HPE Alletra 5000 has the right DNA to deliver simple, reliable and cost-efficient hybrid storage for all your workloads. If you loved HPE Nimble Storage, you'll love the HPE Alletra 5000. Not convinced yet? Read our 12 reason why you should be!

**1 Go faster with the cloud experience:** Leverage HPE Alletra 5000 to simplify on-prem storage with the speed and agility of a cloud operational experience. You can deploy in minutes, upgrade transparently, and manage from anywhere. Enable line of business (LOB) and database admins to effortlessly provision storage and accelerate app deployment.

**2 Put your storage on autopilot with an AI-managed service:** Say goodbye to endless firefighting, thanks to HPE InfoSight, industry-leading AIOps for infrastructure that drives autonomous operations and helps ensure your apps are always-on and always fast.

**3 Optimize price performance for general-purpose workloads:** Harness the flash performance and disk economics of ultra-efficient architecture that HPE Alletra 5000 delivers. Accelerate your apps with sub millisecond latency and experience speeds up to 25% faster than previous HPE Nimble Storage Hybrid Flash Arrays.

**4 Rely on six nines availability—guaranteed:** Forget the anxiety and disruption of unexpected downtime. HPE Alletra 5000 leverages a proven AI-driven platform to guarantee resilient 6x9s data availability for every customer and every array. It's a cost nothing, do-nothing guarantee!

**5 Depend on extreme data integrity and no-compromise durability:** Don't accept trade offs between data resilience and performance. HPE Alletra 5000 delivers Triple+ Parity RAID as standard with zero performance impact. It can handle three simultaneous drive failures without data loss and provides additional protection through intra-drive parity.

**6 Scale easily and without disruption:** Grow the capacity and performance of a running system independently and non-disruptively with HPE Alletra 5000 scale-to-fit. You can also scale out to four arrays with transparent volume mobility between arrays, achieving linear performance and capacity scaling.

**7 Simplify and lower the cost of data protection:** Deliver on your recovery service-level agreements (SLAs) with fast, simple, and integrated app aware backup and recovery—on premises and in the cloud. Natively replicate from HPE Alletra 6000 All Flash Arrays to HPE Alletra 5000 Hybrid Arrays.

**8 Get the HCI experience without limitations:** Harness all the simplicity and ease-of-use that you love about hyperconverged infrastructure (HCI)—but for all your apps. HPE Alletra dHCI delivers a hyperconverged experience that includes business-critical speed and resiliency alongside independent scaling of compute and storage.

**9 Consume as a service, on-demand:** Shift from owning and maintaining data infrastructure to simply accessing and utilizing it. Avoid over- and under-provisioning concerns, CAPEX budget constraints, and complex procurement cycles by choosing a flexible, as-a-service consumption model with the HPE GreenLake edge-to-cloud platform.

**10 Experience a simple, affordable, risk-free transition:** HPE Nimble Storage Hybrid Flash Array customers can take the risk and complexity out of switching to HPE Alletra 5000 through quick, non-disruptive data-in-place upgrades. Customers can transition to the economical HPE Alletra 5010, and get 2x capacity at a similar price point to a comparable HPE Nimble Storage Hybrid Array.

**11 Get everything as a service:** Accelerate your data-first modernization with the unified experience, control, and visibility of HPE GreenLake, which brings the cloud to wherever your apps and data live and gives you fast and easy access to over 70 cloud services.

**12 Accelerate business outcomes:** HPE Alletra 5000 empowers you to transform from IT operator to service provider. Speed time to value by saving 98% of your operational time through intent-based provisioning and lower risk with 99.9999% availability guaranteed for general-purpose workloads.

