



# Top 12 reasons to choose HPE Alletra 5000

Built from the DNA of HPE Nimble Storage Adaptive Flash, HPE Alletra 5000 delivers simple, reliable, cost-efficient hybrid storage for general-purpose workloads. It’s everything you love about your HPE Nimble Storage experience—and a whole lot more.

Check out the top 12 reasons to choose HPE Alletra 5000:

- 1

**Go faster with the cloud experience:** 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.
- 2

**Put your storage on autopilot with an AI-managed service:** With HPE InfoSight, you can predict and prevent disruptions before they occur across the stack, pinpoint issues between storage and VMs, and identify under-utilized virtual resources.
- 3

**Optimize price performance for general-purpose workloads:** Get flash performance and disk economics. Accelerate your apps with sub-millisecond latency and experience speeds up to 25% faster than previous HPE Nimble Storage Hybrid Flash Arrays. Slash your storage costs and footprint with always-on data reduction that delivers up to 5x more space savings without performance penalty.
- 4

**Rely on six nines availability—guaranteed:** No anxiety and no unexpected downtime with HPE InfoSight predicting and preventing problems, your arrays get smarter, better, and more reliable every day.
- 5

**Depend on extreme data integrity and no-compromise durability:** HPE Alletra 5000 Triple+ Parity RAID can handle three simultaneous drive failures without data loss and provides additional protection through intra-drive parity.
- 6

**Scale easily and without disruption:** You can grow the capacity and performance independently and non-disruptively. 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:** Meet 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 to HPE Alletra 5000. Leverage HPE Backup and Recovery Service to simplify hybrid cloud data protection with instant restores, rapid recovery on-prem, and cost-effective long-term retention in the cloud.
- 8

**Get the HCI experience without limitations:** HPE Alletra disaggregated HCI (dHCI) delivers the simplicity and ease-of-use of hyperconverged for all your apps with business-critical speed and resiliency alongside independent scaling of compute and storage.
- 9

**Consume as a service, on-demand:** Avoid over- and under-provisioning concerns, CAPEX budget constraints, and complex procurement cycles. Customers can scale on-demand as necessary, rely on buffer capacity for unexpected workload or usage demands, and leave behind heavy upfront costs for a transparent, monthly subscription.
- 10

**Experience a simple, affordable, risk-free transition:** Switch from HPE Nimble Storage Hybrid Flash Arrays to HPE Alletra 5000 through quick, non-disruptive data-in-place upgrades. Drive ROI by continuing to use your existing HPE Nimble Storage chassis, media, and networking with in-field controller upgrades.  
  
HPE Nimble Storage customers can transition to the economical HPE Alletra 5010, getting 2x capacity at a similar price point to a comparable HPE Nimble Storage Hybrid Array.
- 11

**Get everything as a service:** HPE Alletra 5000 is powered by HPE GreenLake, giving you a unified experience, control, and visibility coupled fast and easy access to over 70 cloud services.
- 12

**Transform from IT operator to service provider:** Speed time to value by saving 98% of your operational time through intent-based provisioning.<sup>1</sup> Lower risk with 99.9999% availability guaranteed for general-purpose workloads,<sup>2</sup> and boost agility with 86% of problems predicted and automatically resolved before you even recognize that there’s an issue.<sup>3</sup>

Learn more at

[hpe.com/storage/alletra](https://hpe.com/storage/alletra)

Explore HPE GreenLake

<sup>1,2,3</sup> [HPE Storage Substantiation](#)