

HPE Alletra 5000

SKU: hpe-alletra-5000 · Brand: Hewlett Packard Enterprise · Category: Storage · Family: Alletra · Type: Edge-to-cloud all-flash array

Overview

Cloud-managed, edge-to-cloud NVMe storage that replaces traditional arrays — sub-millisecond latency, guaranteed data reduction and pay-as-you-grow economics under one console.

Specifications

Architecture	NVMe all-flash, scale-out cluster
Capacity	From 11 TB effective, scale to 2.9 PB
Efficiency	Inline dedupe & compression (≈5:1 typical)
Protocols	iSCSI, NVMe-oF/TCP, NFS, SMB
Availability	Active/active controllers, snapshots & replication
Cloud management	HPE Data Services Cloud Console
Performance	Sub-millisecond latency
Warranty	3-year support (extendable)

Key Highlights

- Sub-millisecond NVMe latency
- Guaranteed 5:1 data reduction
- Cloud console — no LUNs to manage
- Scale without downtime (online expansion)

Specification values per manufacturer documentation · issued by Digital Equipment Ltd. · generated 14 September 2026. Referenced SKU hpe-alletra-5000.