

# Qumulo File Data Platform with HPE

Highscale file data software meets world-class server platforms

## Simplicity at Scale Meets Powerful Server Platforms

HPE and Qumulo teamed up to offer Qumulo's modern hyperscale file data platform on HPE's rock-solid server platforms to meet today's application demands.

Qumulo's advanced file data platform allows you to symmetrically grow capacity and performance, reaching petabyte scale, on purpose-built HPE Apollo Gen10 and ProLiant Gen10 Plus platforms.

## Designed for the World's Largest Workloads

Unstructured file data—and lots of it—is at the heart of innovation within media & entertainment, healthcare, genomics research, autonomous vehicles, and much more.

With Qumulo and HPE's carefully selected configurations optimized for price, performance, and capacity requirements, you can create, transform, and deliver your unstructured file data at massive scale and unmatched performance and ease.

And now, with the new HPE 291TB built on the HPE ProLiant DL325 Gen10 Plus 291TB All-NVMe server, customers can deploy the most dense all flash array available on the market for their largest capacity and highest performance needs.



## Hewlett Packard Enterprise

"When it comes to customer success, I feel like Qumulo's representatives genuinely want to know what my problems are and they want to make it better."

Todd Richert,  
Director of Infrastructure at Capsilon



### Take Control



#### Programmable Infrastructure

With Qumulo you can, automate and manage data services with APIs for every feature in the Qumulo file data platform and an easy-to-use dashboard.



#### Cloud Based Monitoring

Qumulo delivers insight into historical trends about how your system is being used and proactively detects potential problems, such as disk failures.

### Understand your Storage



#### Real-Time Visibility

Qumulo Aware monitors petabytes of data usage and performance including throughput and latency for every file and user across on prem and on the public cloud with real-time operational analytics no matter how many files or directories you manage.

### Customer Delight



#### Access to Innovation

Qumulo uses modern development practices, with small, frequent software releases that keep our file system on the leading edge of what's possible.



#### Out-of-the-Box Simplicity

Skip the pain. In an matter of hours, not days, Qumulo can be installed and configured to serve data.

### Scale



#### Dynamically Scale

Qumulo Scale dynamically scales to serve petabytes of data, billions of files, millions of operations, and thousands of users with cost-efficient storage for different files. It intelligently adapts to your growing needs and supports billions and billions of large and small files in a single namespace.

## HPE Appliances Powered by Qumulo

### Persistent Performance

HPE Proliant DL325 Gen10 Plus	All-NVMe		
Platform Configuration	HPE 34T	HPE 145T	HPE 291T
Form Factor	1U	1U	1U
Raw Storage Capacity	34 TB	145 TB	291 TB
SSD/NVMe	9 x 3.84 TB NVMe	19 x 7.68 TB NVMe	19 x 15.36 TB NVMe
Networking	4 x 100 GbE	4 x 100 GbE	4 x 100 GbE
CPU	24 cores 2.8 Ghz	24 cores 2.8 Ghz	24 cores 2.8Ghz
Memory	128 GB	128 GB	128 GB

### Cached Performance

HPE Apollo Gen10	SATA SSD / HDD Hybrid		
Platform	HPE 36T	HPE 90T	HPE 192T
Form Factor	2U	2U	2U
Raw Storage Capacity	36 TB	90 TB	192 TB
Logical Flash Cache Capacity	1.44 TB	2.88 TB	5.76 TB
HDD	9 x 4 TB	9 x 10 TB	24 x 8 TB
Networking	2 x 25 GbE	2 x 25 GbE or 2 x 100 GbE	2 x 100 GbE
CPU	10 cores 2.2 GHz	10 cores 2.2 GHz	20 cores 2.2 GHz
Memory	64 GB	64 GB	128 GB

### Active Archive

HPE Apollo Gen10	SATA SSD / HDD Hybrid
Platform	HPE 336T
Form Factor	2U
Raw Storage Capacity	336 TB
Logical Flash Cache Capacity	7.68 TB
HDD	24 x 14 TB
Networking	2 x 25 GbE
CPU	10 cores 2.2 Ghz
Memory	128 GB

## About Qumulo

Qumulo is the breakthrough leader in simplifying data management in its native file form at a massive scale across hybrid-cloud environments, visit [www.qumulo.com](http://www.qumulo.com).