Scalable Performance for Unstructured Data

Quiver All-Flash and Hybrid Storage Powered by Qumulo and Delivered by Arrow

The Challenge: Managing Unstructured Data at Scale

The rapid growth of unstructured data is driving increased complexity across on-prem and hybrid environments. Legacy storage architectures often fail to meet modern demands, resulting in data silos, limited visibility, and operational inefficiencies.

The Solution: Unified, Scalable Storage with Quiver Appliances Powered by Qumulo

Quiver storage appliances, available in All-Flash NVMe and Hybrid NVMe + HDD configurations, offer a unified platform for managing unstructured data at scale. Powered by Qumulo's modern file and object data services, Quiver eliminates storage silos, simplifies management, and ensures consistent, high-performance across diverse environments.

With native support for SMB, NFS, and S3 protocols, along with integrated analytics and data protection, Quiver enables efficient, secure, and scalable operations. From deployment to optimization, Arrow ensures that Quiver systems are pre-validated, easy to implement, and tailored to your environment.

Choose the Right Fit for Your Workload Needs

Quiver Hybrid NVMe + HDD:
Optimized for Capacity, Priced for Efficiency

- **Intelligent Tiering:** Combines NVMe flash caching with high-capacity HDDs to balance performance with affordability
- **Ideal for Active Archives:** Supports workloads with less frequent access — like backup, video surveillance, and enterprise shares
- **Linear Scalability:** Easily expand from hundreds of terabytes to multiple petabytes with a single namespace and minimal management
- **Deep Visibility:** Integrated analytics surface usage patterns, hot/cold data trends, and capacity projections at a glance

Quiver All-Flash NVMe:
Designed for Speed, Built for Scale

- **Ultra-Low Latency:** Sub-millisecond response times and high IOPS for AI/ML, real-time analytics, and high-resolution media workflows
- **Compact Density:** Up to 245TB of NVMe in a 1U form factor, supporting multi-100GbE networking for high-throughput pipelines
- **Predictable Performance:** Flash-optimized architecture ensures consistent results across billions of files with no performance dips
- **Enterprise-Grade Protection:** Erasure coding, snapshots, and role-based access controls deliver end-to-end data security and resiliency

Quiver Hybrid Storage Appliances - 1U and 2U

- Access the same data using NFS, SMB, or S3 protocols
- Scale to hundreds of nodes and petabytes in a single namespace
- Ingest at the edge, transform in the data center or cloud
- Move data between on-prem and cloud without changing apps



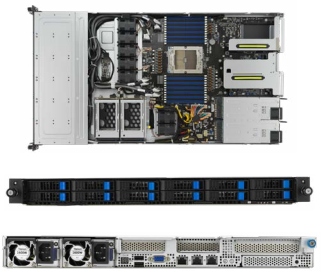
Quiver Hybrid Specifications - 1U and 2U Form Factor

Server Model	Hybrid Platform 1U		
	AHG3-48T-SC-25G/100G AHG3-48T-LC-25G/100G	**AHG3-96T-SC-25G/100G AHG3-96T-LC-25G/100G**	**AHG3-240T-SC-25G/100G AHG3-240T-LC-25G/100G**
Config-size	48TB	96TB	240TB
Form Factor	1U		
HDD's	6x 8TB HDD	12x 8TB HDD	12x 20TB HDD
SSD/NVMe's	3x 960GB (SC) 3x 3.84TB (LC)	4x 960GB (SC) 4x 3.84TB (LC)	4x 1.92TB (SC) 4x 7.68TB (LC)
Network Ports	2x 25GB/2x 100GbE		
CPU	Intel® Xeon® Silver 4410Y 12C or Intel® Xeon® Silver 4514Y 16C Processor		
Memory	128GB (4x 32GB)		
Boot Drive	NVMe M.2 - 512GB		
Dimensions	17.6" w x 1.7" h x 34.7" d (447 mm × 43 mm × 881 mm)		
Weight	66 LBS (30 KG)		

Server Model	Hybrid Platform 2U	
	AH576T-LC-25G	**AH576-LC-100G**
Config-size	576TB	
Form Factor	2U	
HDD's	24x 24TB	
SSD/NVMe's	6x 3.2TB	
Network Ports	2x 25GbE	2x 100GbE
CPU	AMD EPYC 8124P 16C	
Memory	128GB (4x 32GB)	
Boot Drive	256GB NVMe SSD	
Dimensions	17.2" w x 3.46" h x 33" d (437 mm × 88 mm × 838 mm)	
Weight	87 LBS (39.5 KG)	

Quiver NVMe Storage Appliances

- Flash-first architecture
- AMD CPU
- Management capability for billions of files
- Seamless scalability - from TBs to PBs
- Real-time analytics and user behavior tiering
- Full support for all file and object access protocols across all data



Quiver NVMe Specifications

Server Model	ALL-NVMe Flash			
	AF46T-100G/ AF46T-12x 100G	**AF92T-100G/ AF92T-2x 100G**	**AF184T-100G/ AF184T-2x 100G**	**AF245T-100G/ AF245T-2x 100G**
Config-size	46TB	92TB	184TB	245TB
Form Factor	1U			
SSD/NVMe's	6x 7.68TB	12x 7.68TB	12x 15.36TB	16x 15.36TB
Network Ports	2x 100GbE or 4x 100GbE			
CPU	AMD EPYC 9254 24C			
Memory	192GB (6x 32GB)			
Boot Drive	SSD 5400 BOOT 240GB M.2 SSD			
Power Supply	2x 1200 W (Fully redundant, hot-swappable)			
Dimensions	1.73" w x 17.68" h x 33.15" d (44 mm x 449 mm x 842 mm)			
Weight	44 LBS (20 KG)			
Typical Power Consumption	310 W	366 W	366 W	400 W

Server Model	Quiver Accelerator	
	25.6T Accelerator QQVR/STRATUS-26T	**102T Accelerator QQVR/STRATUS-102T**
Config-size	25.6TB	102TB
Form Factor	1U	
SSD/NVMe's	8x 3.2TB	16x 6.4TB
Network Ports	4x 100GbE	
CPU	AMD EPYC Turin 9455P 48C	
Memory	384GB (12x 32GB)	
Boot Drive	SSD 5400 BOOT 240GB M.2 SSD	
Power Supply	2x 1200 W (Fully redundant, hot-swappable)	
Dimensions	1.73" w x 17.68" h x 33.15" d (44 mm x 449 mm x 842 mm)	
Weight	44 LBS (20 KG)	
Typical Power Consumption	~500-600W	~625-750W

Ready to transform your storage solutions? Explore Quiver All NVMe storage appliances today. Reach out to your local Arrow ECS sales representative or connect with our team at qumulo@arrow.com to get started.