Scalable Plug-and-Play NVMe Storage Appliance

Global data volumes are well into the zettabytes and growing. What does this mean for data-centric organizations? Managing unstructured file and object data, maintaining storage capacities, and simplifying data management at scale and speed are vital to a future-proof infrastructure.

Quiver NVMe plug-and-play solution powered by Qumulo and available through Arrow, helps simplify workload management and improve efficiency in capturing, storing, protecting, analyzing, and managing unstructured data. The densest 1U platform available boasts an impressive 192 GB of memory at a cost-competitive performance value per terabyte rate, setting it apart from other appliances.

With accelerated storage streaming, high-speed writes, and low-latency reads (<1ms) for all data across all applications, the Quiver NVMe is an end-to-end all-flash storage solution that can scale to 1PB and beyond without the complexity of legacy scale-up and scale-out storage platforms.

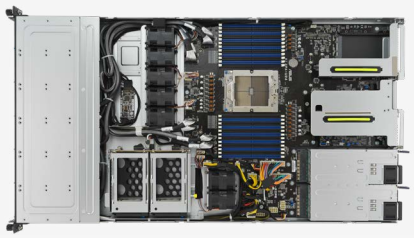
Quiver NVMe Storage Appliances

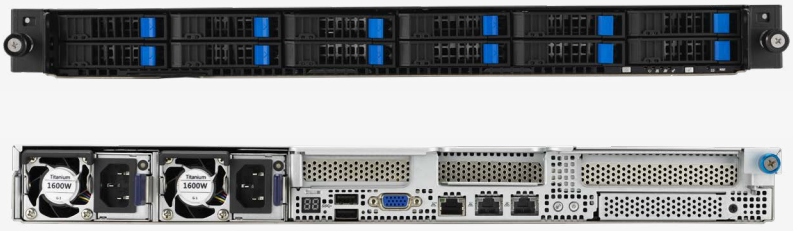
- Flash-first architecture
- AMD CPU
- Management capability for hundreds of billions of files
- Seamless scalability - from TBs to PBs
- Real-time analytics and user behavior tiering
- Full support for all file and object access protocols across all data

Qumulo is a breakthrough leader in file and object data management solutions that enable companies to:

- Simplify file and object data management for high-performance workloads at a massive scale
- Gain real-time visibility into the entire solution stack, providing at-a-glance system metrics and telemetry
- Enable storage performance monitoring, and deep-dive visibility into data, giving insight into the fastest-growing datasets, capacity usage trends, and more

A minimum of four nodes required for integration with Qumulo





Quiver NVMe Specifications

Model	QQVR/90-QA46T1-01^ARW	QQVR/90-QA46T2-01^ARW	QQVR/90-QA92T1-01^ARW	QQVR/90-QA92T2-01^ARW	QQVR/90-QA184T1-01^ARW	QQVR/90-QA184T2-01^ARW	QQVR/90-QA245T1-01^ARW	QQVR/90-QA245T2-01^ARW
Form Factor	1 U ASUS RS500A							
CPU	AMD EPYC 9254 2.90 GHz 24-Core processor - Genoa, 128 MB Cache							
Memory	192 GB (32 GB x 6) DDR5 DIMM module							
Solid State Drive (SSD)	SSD 5400 BOOT 240 GB M.2 SSD							
Power Supply	2 x 1200 W (fully redundant, hot-swappable)							
Dimensions	1.73" x 17.68" x 33.15" (44 mm x 449 mm x 842 mm)							
Weight	44 LBS (20 KG)							
Storage (NVMe)	46 TB (6 x 7.6 TB)	46 TB (6 x 7.6 TB)	92 TB (12 x 7.6 TB)	92 TB (12 x 7.6 TB)	184 TB (12 x 15.3 TB)	184 TB (12 x 15.3 TB)	245 TB (16 x 15.3 TB)	245 TB (16 x 15.3 TB)
Networking (PCIe)	100 GbE	2 x 100 GbE	100 GbE	2 x 100 GbE	100 GbE	2 x 100 GbE	100 GbE	2 x 100 GbE
Power Requirements	100 – 240 V, 50/60 Hz							
Idle Power Consumption	245 W		288 W		288 W		315 W	
Idle Thermal Rating	836 BTU/hr		983 BTU/hr		983 BTU/hr		1075 BTU/hr	
Typical Power Consumption	310 W		366 W		366 W		400 W	
Typical Thermal Rating	1058 BTU/hr		1249 BTU/hr		1249 BTU/hr		1365 BTU/hr	
Maximum Power Consumption	470 W		555 W		555 W		605 W	
Maximum Thermal Rating	1603 BTU/hr		1894 BTU/hr		1894 BTU/hr		2064 BTU/hr	
Operating Temperature	50° F – 95° F (10° C – 35° C)							
Non-Operating Temperature	-40° F – 158° F (-40° C – 70° C)							

Quiver NVMe storage appliances are available through Arrow.

Contact your local Arrow ECS sales representative or our team at qumulo@arrow.com

Or visit us at:
www.arrow.com/ais/solutions/quiver

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