Quantum

H2000 SERIES

DATASHEET

FEATURES & BENEFITS

High Performance for Dynamic Workloads
Designed to accelerate post-production workloads, leveraging hybrid storage architecture to achieve high-performance and cost-effective capacity.

Highest Availability for Sustained Access
Ensures content is secure, accessible, and readily retrievable with predictable performance.

Highly Flexible for Optimal Performance
Designed with configuration choices to match workflow and business objectives.

Tightly Integrated with StorNext
Manage H2000 Series storage arrays directly from the StorNext user interface.

High-performance hybrid storage arrays designed for unstructured data workloads.

Quantum H2000 Series is a line of high-performance, hybrid SSD / HDD storage arrays that provides cost-effective performance, greater efficiencies and scalability, and ease of use for data-intensive workloads.

Designed to accelerate media production workflows, H2000 increases StorNext® performance, giving studios, broadcasters, and enterprises a competitive edge.

Flexible by design, H2000 is offered with either high-speed Fibre Channel or iSCSI. Options for SSD and HDD drives along with chassis configurations make it easy to choose the storage array configuration that matches your performance and capacity requirements.

LEARN MORE:
www.quantum.com/h2000-series

TECHNICAL SPECIFICATIONS

Specifications	H2012	H2024	2U12 JBOD	2U24 JBOD
Form Factor	2U rack-mounted chassis			
Drives per Chassis	12	24	12	24
Drive Options	4 TB, 8 TB, 16 TB NL-SAS 7.2K RPM	1.9 TB, 7.68 TB, 15.36 TB SAS SSD 1.2 TB, 1.8 TB, 2.4 TB SAS 10K RPM	4 TB, 8 TB, 16 TB NL-SAS 7.2K RPM	1.9 TB, 7.68 TB, 15.36 TB SAS SSD 1.2 TB, 1.8 TB, 2.4 TB SAS 10K RPM
Raw Capacity per Chassis (TB)	48 64 192	46 29 184 43 369 58	48 64 192	46 29 184 43 369 58
Useable Capacity per Chassis (TB)	40 80 160	38 24 154 36 307 48	40 80 160	38 24 154 36 307 48
Connectivity Cards Up to 3 cards per chassis	Dual 100 Gb / 40 GigE Quad 25 Gb / 10 GigE Quad 10GBASE-T Ethernet Quad 32 Gb Fibre Channel		12G SAS for expansion	
Onboard I/O	2x 10GBASE-T per controller for monitoring and management (4x total per array)		N/A	
Management	Integrated IPMI 2.0 + KVM with dedicated LAN		Redfish (Future)	
Physical Dimensions	Height 3.43" (87 mm) Width 17.7" (450 mm) Depth 24.2" (614 mm) Weight 63 lbs (28.58 kg)	Height 3.43" (87 mm) Width 17.7" (450 mm) Depth 22.8" (580 mm) Weight 59 lbs (26.76 kg)	Height 3.43" (87 mm) Width 17.7" (450 mm) Depth 20.4" (518 mm) Weight 48 lbs (21.77 kg)	Height 3.43" (87 mm) Width 17.7" (450 mm) Depth 19.0" (483 mm) Weight 44 lbs (19.96 kg)
Power Supplies	1300 W AC redundant		550 W AC redundant	
Power Supply Input	100 - 140 Vac / 12.5 A / 1000 W Max / 50-60 Hz 200 - 240 Vac / 8.5 A / 50-60 Hz		100 - 240 Vac / 7 A / 50-60 Hz	100 - 240 Vac / 7 A / 50-60 Hz
Operating Temperature	0 °C to 35 °C (32 °F to 95 °F)			
Non-Operating Temperature	-20 °C to 70 °C (-4 °F to 158 °F)			
Operating Relative Humidity	5% to 95% non-condensing			

**Specs are subject to change.*

Quantum

Quantum technology and services help customers capture, create, and share digital content—and preserve and protect it for decades at the lowest cost. Quantum's platforms provide the fastest performance for high-resolution video, images, and industrial IoT, with solutions built for every stage of the data lifecycle, from high-performance ingest to real-time collaboration and analysis and low-cost archiving. Every day the world's leading entertainment companies, sports franchises, research scientists, government agencies, enterprises, and cloud providers are making the world happier, safer, and smarter on Quantum. See how at **www.quantum.com**.

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