



TECHNICAL SPECIFICATIONS

POWERFUL HARDWARE DELIVERS BEST PERFORMANCE AND VALUE

The Cheetah HA2U Server takes advantage of powerful hardware and standards to deliver the best performance at the best value, including PCIe 4.0, end-to-end 12G SAS connectivity, and DRAM write caching to deliver the best performance for high-throughput, low-latency workloads.



The HA Server 2U24 model comes with SSD or 10K RPM HDDs, for latency-sensitive workloads, while the 2U12 model supports NL-SAS HDDs and is ideal for sequential streaming workloads and lower-cost storage options. Every HA2U model has a dual controller hardware architecture using high-performance multi-core AMD CPUs and offers flexible networking options that include 100 GbE, 25 GbE, and 32 Gb Fibre Channel.

Specifications	HA2024	2U24 JBOD
Form Factor	2U rack-mounted chassis	
Drives per Chassis	24	24
Drive Options (SED or non-SED)	1.92 TB, 7.68 TB, 15.36 TB SAS SSD 1.2 TB, 1.8 TB, 2.4 TB SAS 10K RPM	1.92 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)	46 29 184 43 369 58	46 29 184 43 369 58
Useable Capacity per Chassis (TB)	38 24 154 36 307 48	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) 2x 12 Gbps SAS per controller (4x total per array)	N/A
Management	Integrated IPMI 2.0 + KVM with dedicated LAN	Web-based management, SNMP
Physical Dimensions	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" (508 mm) Depth 20.0" (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
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	

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