



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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