# Cheetah RAID
## STORAGE

## 120TB + 100GbE + HOT-SWAPPABLE DRIVES

## FEATURES & BENEFITS

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| **Hot-Swappable Drives** | Hot-swappable drives for unlimited capacity during long test cycles, and and fast offload. |
| **Designed for In-Vehicle Conditions** | Ruggedized design and 12V AC or DC power to ensure easy integration, efficient power use and reliable operation. |
| **Hi-Speed Performance** | NVMe drives and 100GbE connectivity ensures that data is transferred to your data center and workstations quickly. |
| **High Capacity** | 64TB capacity enables long journeys, scales to handle additional inputs, and minimizes frequency of ingest, canister swap or shipping. |

## SPECIFICATIONS

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| **Raw Capacity & Drives** | 120 TB RAW capacity<br>(4) NVMe SSD 30TB<br>(1) M.2 SATA SSD (boot drives) RAID 0 |
| **Connectivity** | (1) AMD Ryzen MB X570D4I-2T 8-Core, 3.6Hz<br>(1) Mellanox ConnectX-5 EN NIC 100GbE Single Port.<br> Can also support Dual Port. Supports 10, 25, 40, or 100GbE<br>(2) Ethernet 10GBASE-T<br>(1) HW RAID Controller or SW RAID is an option<br>(4) USB 3.0<br>(1) VGA<br>(1) x16 Gen 4 PCIe slot<br>(1) 2-slot Gen4 X8 + X8 Riser |
| **Performance** | Up to 10 GB/sec |
| **Dimensions** | 11-1/4" x 3-1/2"x8" (WxHxD) |
| **Weight** | 10lbs |
| | **Environmental**<br>Operating: 0°C to 50°C<br>Non-Operating: -20°C to 70°C<br>Humidity: 5% to 95% non-condensing |
| **Cooling** | (3) 60x25mm |
| **Power** | In-Vehicle 100W \| Data Center 230W \| 1 x (4-pin) + 1 x (8-pin) support 12V DC-IN |
| **Supported OS** | Debian GNU/Linux |
| **Processor Support** | Supports Intel Xeon D-2143 or AMD EPYC™ 3251 (4 or 8 cores, 16 threads) |

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