

## STORANDER Enterprise Capacity Module DATASHEET

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### The performance of NVMe™ Flash in Shared Storage





STORANDER Enterprise Capacity Module extends the high performance of NVMe™ flash. It provides low-latency of NVMe SSDs over a high-performance Ethernet fabric to deliver similar performance to locally attached NVMe SSDs. Unsurpassed connectivity units class using Western Digital RapidFlex™ NVMe-oF controllers.





NVMe-over-Fabrics, or NVMe-oF, is a networked storage protocol that allows storage to be disaggregated from compute to make that storage widely available to multiple applications and servers. By enabling applications to share a common pool of storage capacity, data can be easily shared between applications or needed capacity can be allocated to an application to respond to application needs.

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### STORANDER Enterprise One Capacity Module features:

-  Up to 368TB low latency Dual Port SSDs in 2U 24-bay platform
-  Bandwidth match between SSDs (Storage) and I/O (Network) – No oversubscription

### STORANDER Enterprise One Capacity Module hardware:

-  24 Dual port high-performance SSDs
-  Wide range of NVMe SSD capacity and endurance options
-  High availability with dual IOM
-  28" (711 mm) chassis depth – fits most commonly used short depth racks (800-1000 mm)

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### STORANDER Enterprise One Capacity Module models:

- Model C2415 – 184 TB raw
- Model C2476 – 368 TB raw

### STORANDER Enterprise One Capacity Module performance:

2 x 100 GbE	Read	23.83 GB/s	5.09 M	175.45 $\mu$ s
	Write	15.09 GB/s	3.72 M	41,73 $\mu$ s

### STORANDER Enterprise One Capacity Module specifications:

Form Factor	2U
Front Drive Bays	Up to 24 x U.2 NVMe SSDs
Power Supply	2x 2000W Platinum (Titanium Optional) 200-240 VAC, CRPS, HotPlug
Fabric Adapter Slots	6x PCIe x16
Fabric Adapter(s)	Western Digital RapidFlex NVMe-oF Fabric Adapter
Cabling	Active Optical
HA Redundancy	Dual IOMs, Dual Port SSDs, Dual PSUs, Dual Rotor HotPlug Fans
Environmental	10°C – 35°C
Chassis Dimensions Height x Width x Depth	8.75 x 44.80 x 71.12 cm 3.45 x 1.64 x 28 in
Weight	Maximum 31.75 kg / 70 lb