

DANE-500TB-UPGRADE-UNITY XT480**Unity XT 480**

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Cabinet 1



General Information

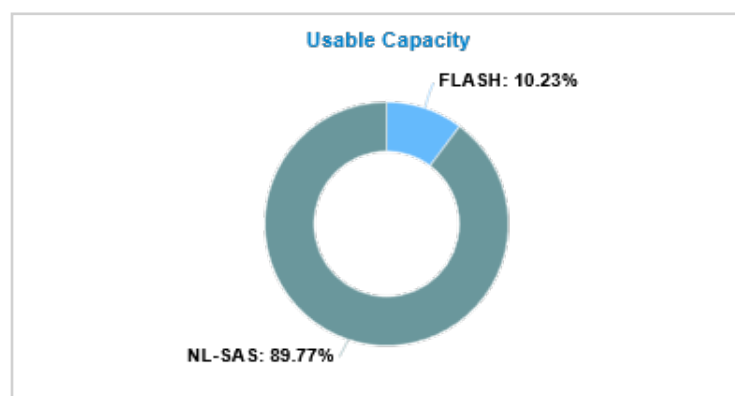
Model Number	Unity XT 480
Raw Capacity	619.91 TB
Unit Count	16 U
IOPS	159795
Block Size	8K

Usable Capacity	507.44 TB
Total Drive Count	79
Workload	80% Read - 20% Write
Capacity Utilization	NA

System Tier Information

Flash	Count	SAS	Count	NL-SAS	Count
3.2TB FLASH 3	21	600GB 10K	4	12TB 7.2K	51
Total	21		4		51
Usable Capacity	51.92 TB		0.00 TB		455.52 TB

Fast Cache	
Drive Type	400GB FLASH
Count	2
Hot Spare Count	1
Form Factor	2.5
Total	3



Pool Configuration

Pool1 (Dynamic Pool)

Tier	Form Factor	Drive Type	RAID Type	Spare Policy	Drive Count	Usable Capacity	IOPS
FLASH	2.5	3.2TB FLASH 3	RAID 5 (12+1)	1/32	21	51.92 TB	157500
Total					21	51.92 TB	157500
Pool Type		Dynamic					

Pool2 (Dynamic Pool)

Tier	Form Factor	Drive Type	RAID Type	Spare Policy	Drive Count	Usable Capacity	IOPS
NL-SAS	3.5	12TB 7.2K	RAID 6 (14+2)	1/32	51	455.52 TB	2295
Total					51	455.52 TB	2295
Pool Type		Dynamic					

Power Information

Power Summary	
Power Consumption	1.73 kVA
Region	United States
Input Voltage	V~208
Phases	Single Phase
Site Circuit Breaker	30
Peak Inrush Current	175 A

Environmental	
Operating Temp	Below 26C
Heat Dissipation	4917 Btu/Hr
Sound Pressure	58 db
Sound Power	7.4 bels
Weight	741 lbs
Dimensions	24 in Width x 41.33 in Depth x 75 in Height
Clearance	42 in Front x 36 in Rear x 18 in Top

Energy Cost	
Annual Energy Cost	\$ 3787
GHG Emissions	14.182 tonnes/yr
Currency	Dollar \$
PUE	2
Emission Factor	1238.39 lb/MWh
Local Utility Rate	0.15 \$/Kw-hr

I/O Configuration

Mezz Card	4 x 10GbE Opt
Additional I/O - Slot 1	4 x 32Gb FC
Additional I/O - Slot 2	4 x 25GbE Opt

Software Suites

Unity Hybrid Base Software

- Unisphere Suite
- File, Block, VVols
- Snapshots
- Encryption
- Anti-virus
- Native Replication
- FAST Cache & FAST VP

Additional Information

System Drive Tier	Performance
System Drives Used For Data	No
Raw Percentage of Flash	10 %
Operating System Version	Unity 5.2

Date Created	12 Mar 2026
Midrange Sizer Version	8.7.3
Reserved NVMe Slots	No

Legal Disclaimer

Dell EMC provides Midrange Sizer as a tool to help estimate, size and analyze storage capacity and IOPS requirements for Unity, SC Series and PowerVault array. Midrange Sizer is provided solely for estimating storage sizing. Results are based on ordering requirements and best practices of product capabilities and limitations. Midrange Sizer uses a set of sizing assumptions along with provided inputs which may cause results to vary greatly due to many specific factors such as the environment setup/infrastructure, use-case and workload.

Midrange Sizer's output is not a guarantee that a storage array will meet all actual data storage sizing requirements or any expected savings.

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* TB/GB label represents capacity in base-2 i.e. 1TB = 1024*1024*1024*1024 bytes

* True effective capacity and usable capacity are reported which is calculated after all spare space is accounted for.