

HPE Primera A630-2N

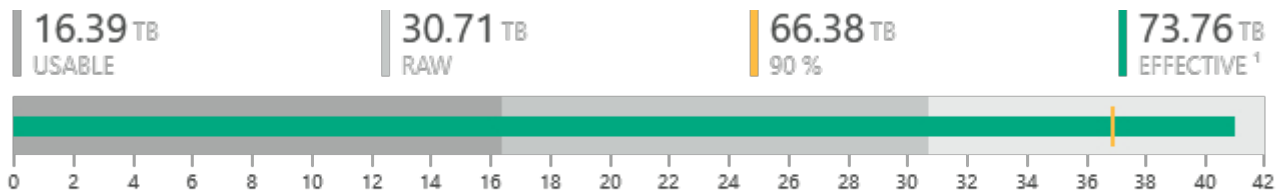
2-NODE

SUMMARY

MODEL	QTY	RAID	RAW	SPARE	USABLE
3.84TB SSD SFF	8	Raid 6 (6+2)	27.93 TiB	6.98 TiB	14.91 TiB
			30.71 TB	7.68 TB	16.39 TB

CAPACITY

The total raw capacity is 30.7 TB (27.9TiB). The maximum recommended usable capacity is 66.4TB (60.4TiB)



¹ Effective capacity is assuming a data reduction rate of 4.5x, including RAID and system overhead.

DATA REDUCTION

We are able to deliver high levels of data reduction on a minimal amount of physical capacity with Adaptive Compression, Pattern Matching and incoming inline Deduplication technologies.

The sizing has been provided using a reduction ratio of **4.5** for the entire working set.



Workloads	Relative Capacity	Siz
Generic App Mix	100%	

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March 2022

ENVIRONMENTALS

Rack Units	2 U
Depth	83.9 cm
Weight	35.9 kg
Cooling	1626 BTU/h
Power	477 Watts
SAS Cabling	Split Cage



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PERFORMANCE

Determining the needs of a business application can be a daunting process. Different applications (and even different deployments of the same application) can vary significantly in terms of the demands they place on their underlying hardware. The below performance figures are provided for information purposes. Use the HPE Inforsight platform to characterize real-world application needs at very fine granularity.

HPE Primera A630-2N performance overview.



SSD Workloads

ACCESS	IO SIZE	READS	DATA REDUCTION	EST. PERFORMANCE
Random	8K	50%	Yes	52,198 IOPS, 2.7 ms

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BILL OF MATERIALS

HPE Primera A630-2N 2-NODE

Quantity	Part	Description
1	N9Z46A	HPE Primera 600 2-way Storage Base
1	N9Z55A	HPE Primera A630 2N Controller
2	N9Z39A	HPE Primera 600 32Gb 4p FC HBA
8	R0P99A	HPE PRIMERA 600 3.84TB SFF FE SSD
1	R1P29A	HPE PRIMERA 600 Data Encryption LTU

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