

HPE 3PAR 9450-2N

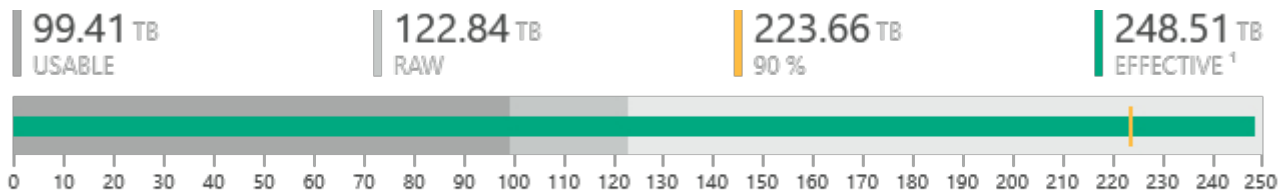
2-NODE

SUMMARY

MODEL	QTY	RAID	RAW	SPARE	USABLE
3.84TB SSD SFF	32	Raid 6 (14+2)	111.72 TiB 122.84 TB	7.82 TiB 8.60 TB	90.41 TiB 99.40 TB

CAPACITY

The total raw capacity is 122.8 TB (111.7TiB). The maximum recommended usable capacity is 223.7TB (203.4TiB)



¹ Effective capacity is assuming a data reduction rate of 2.5x, 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 **2.5** for the entire working set.



Workloads	Relative Capacity	Siz
Generic App Mix	100%	

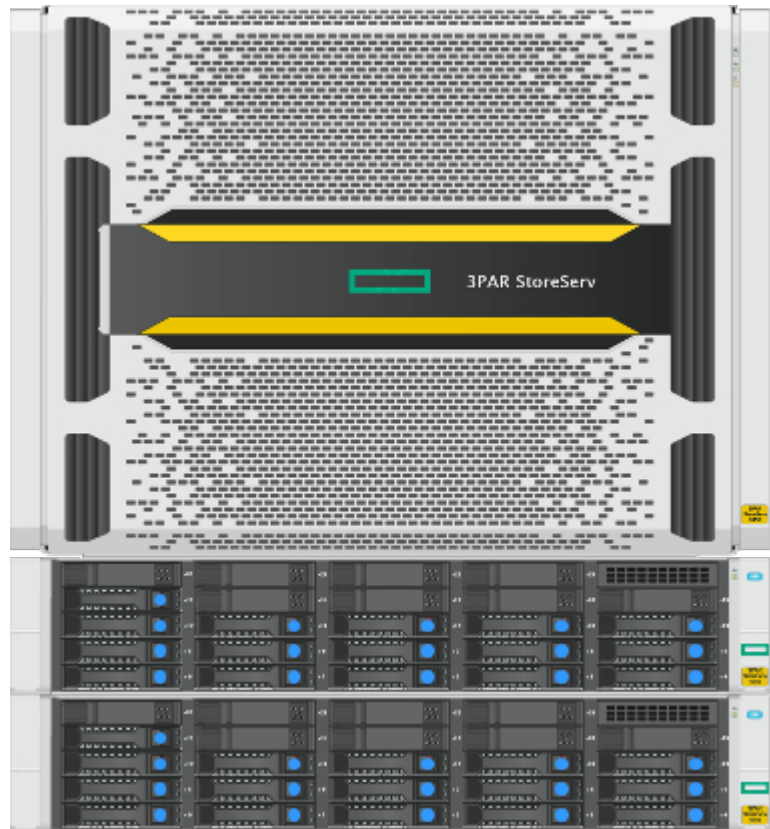
© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

This document contains confidential and/or legally privileged information. It is intended for Hewlett Packard Enterprise and Channel Partner Internal Use only. If you are not an intended recipient as identified on the front cover of this document, you are strictly prohibited from reviewing, redistributing, disseminating, or in any other way using or relying on the contents of this document.

October 2021

ENVIRONMENTALS

Rack Units	12 U
Depth	81.6 cm
Weight	131.3 kg
Cooling	3582 BTU/h
Power	989 Watts



© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

This document contains confidential and/or legally privileged information. It is intended for Hewlett Packard Enterprise and Channel Partner Internal Use only. If you are not an intended recipient as identified on the front cover of this document, you are strictly prohibited from reviewing, redistributing, disseminating, or in any other way using or relying on the contents of this document.

October 2021

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 3PAR 9450-2N performance overview.



SSD Workloads

ACCESS	IO SIZE	READS	DATA REDUCTION	EST. PERFORMANCE
Random	4K	100%	Yes	185,896 IOPS, 0.5 ms

© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

This document contains confidential and/or legally privileged information. It is intended for Hewlett Packard Enterprise and Channel Partner Internal Use only. If you are not an intended recipient as identified on the front cover of this document, you are strictly prohibited from reviewing, redistributing, disseminating, or in any other way using or relying on the contents of this document.

October 2021

BILL OF MATERIALS

HPE 3PAR 9450-2N

2-NODE

Quantity	Part	Description
1	Q0E92A	HPE 3PAR 9450 2N+SW Storage Base
2	Q0E97A	HPE 3PAR 9000 4pt 16Gb FC HBA
2	Q0E95A	HPE 3PAR 9000 24-disk 2U SFF (2.5in) SAS Drive Enclosure
32	Q0F44A	HPE 3PAR 9000 3.84TB SFF FE SSD
1	L7F18A	HPE 3PAR 9450 Data Encryption LTU

© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

This document contains confidential and/or legally privileged information. It is intended for Hewlett Packard Enterprise and Channel Partner Internal Use only. If you are not an intended recipient as identified on the front cover of this document, you are strictly prohibited from reviewing, redistributing, disseminating, or in any other way using or relying on the contents of this document.

October 2021