

Configuration Summary

STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	RAW	USABLE	MB/S	IOPS	RT (ms)	
SSD 16	7.68TB SSD SFF	Raid 6 (6+2)	<input type="checkbox"/>	Random	8k	50% Read	111.75 TiB	72.89 TiB	623	79,687	0.6
NL 24	8TB NL 7.2K LFF	Raid 6 (10+2)	<input type="checkbox"/>	Random	8k	50% Read	170.93 TiB	130.57 TiB	16	1,984	28.4

FLASH USABLE CAPACITY *



RATIO
1.5:1

72.9 TiB
109.3 TiB



assumes 50 % DeCo virtual volumes and an average data reduction ratio of 2:1

RAW CAPACITY (314.9 TB)

282.7 TiB

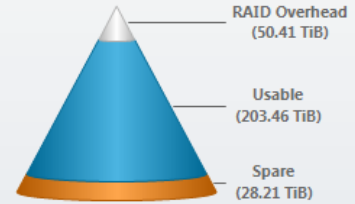
USABLE CAPACITY (223.7 TB)

203.5 TiB

MAX FRONT-END IOPS *

80,000

USABLE VS. OVERHEAD



SUMMARY

Model:	8440	SFF Enclosures:	1
Nodes:	2	Free Slots:	8
1Gb Eth RCIP Ports:	2	LFF Enclosures:	1
FC 16Gb Ports:	4	Free Slots:	-
		Total Disks:	40

PHYSICAL SPECIFICATIONS

Total Rack Space:	6U
Total Weight (without rack):	63 kg
Total BTU (balanced)	3231
Total Power (balanced)	0.947 kW

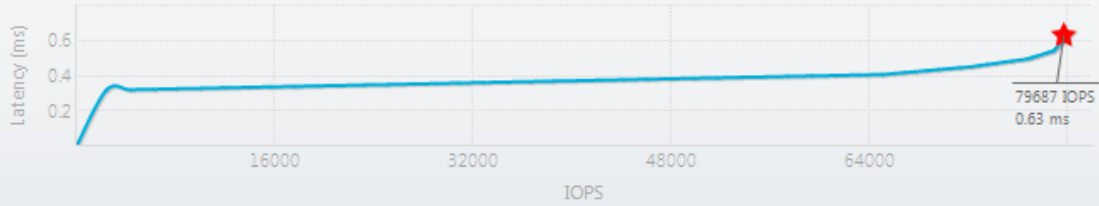
Performance Summary

STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	MB/S	IOPS	RT (ms)	
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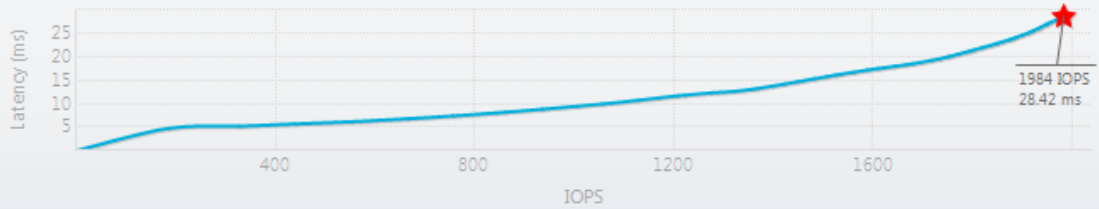
SSD 16 x 7.68TB SSD SFF

RAID 6 - Random 8k 50% read/50% write (50 % DeCo virtual volumes)



NL 24 x 8TB NL 7.2K LFF

RAID 6 - Random 8k 50% read/50% write



NinjaSTARS v2.12.0.1 (PEM v3.3.2)

FILE PERSONA

File Persona sizing information for SMB and NFS protocols is currently not available through NinjaSTARS . Please refer to the following guide to estimate file performance.

[Sizing and performance best practices guide for HPE 3PAR File Persona](#)

Bill of Materials

Part Number	Description	Qty
H6Y97B	HPE 3PAR 8440 2-node Storage Base	1
H6Z27A	HP 3PAR StoreServ 8000 LFF(3.5in) SAS Drive Enclosure	1
P9L83B	HPE 3PAR 8000 7.68TB SFF SSD	16
P9B44B	HPE 3PAR 8000 8TB 7.2K LFF HDD	24