

Configuration Summary

STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	RAW	USABLE	MB/S	IOPS	RT (ms)
SSD 48	1.92TB SSD SFF	Raid 5 (7+1)	<input type="checkbox"/>	Random	8k 50% Read	83.77 TiB	65.65 TiB	1,629	208,512	1.1

FLASH USABLE CAPACITY *



RATIO
1.5:1

65.6 TiB

98.5 TiB

1:1  65.6 TiB

1.5:1  98.5 TiB

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

RAW CAPACITY (92.2 TB)

83.8 TiB

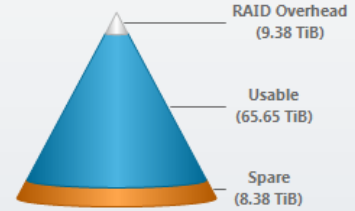
USABLE CAPACITY (72.2 TB)

65.6 TiB

MAX FRONT-END IOPS *

208,512

USABLE VS. OVERHEAD



SUMMARY

Model:	7450	SFF Enclosures:	2
Nodes:	4	Free Slots:	-
1Gb Eth RCIP Ports:	4	LFF Enclosures:	-
FC 8Gb Ports:	8	Free Slots:	-
		Total Disks:	48

PHYSICAL SPECIFICATIONS

Total Rack Space:	4U
Total Weight (without rack):	59.8 kg
Total BTU (balanced)	2845
Total Power (balanced)	0.829 kW

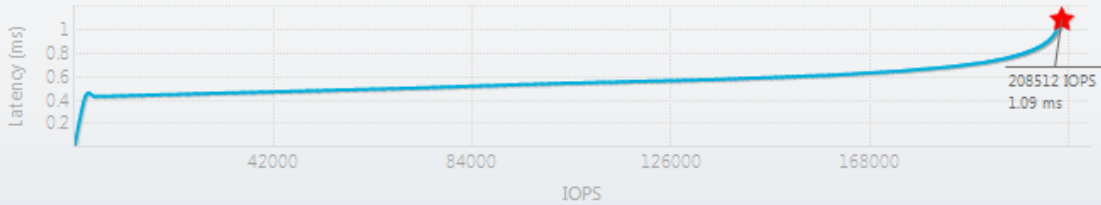
Performance Summary

STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	MB/S	IOPS	RT (ms)
SSD 48	1.92TB SSD SFF	Raid 5 (7+1)	<input type="checkbox"/>	Random 8k	50% Read	1,629	208,512	1.1

SSD 48 x 1.92TB SSD SFF

RAID 5 - Random 8k 50% read/50% write (50 % DeCo virtual volumes)



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](#)

Configuration Layout



Bill of Materials

Part Number	Description	Qty
C8R37A	HP 3PAR StoreServ 7450 4-node Base	1
E7Y57A	HP 3PAR StoreServ M6710 1.92TB 6G SAS SFF (2.5in) cMLC SSD	48