

Configuration Summary

STORAGE TIERS													
DRIVES			MODEL	RAID	HA	WORKLOAD	R/W	RAW	USABLE	MB/S	IOPS	RT (ms)	
	SSD	16	920GB SSD SFF	Raid 5 (7+1)		Random	8k	50% Read	13.31 TiB	10.19 TiB	950	121,593	0.9
	SAS	32	900GB SAS 10K SFF	Raid 6 (14+2)		Random	8k	50% Read	25.59 TiB	20.62 TiB	18	2,334	26.5

FLASH USABLE CAPACITY *

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10.2 TiB

15.3 TiB

RATIO

1.5:1

1:1

10.2 TiB

1.5:1

15.3 TiB

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

RAW CAPACITY

(43.5 TB)

38.9 TiB

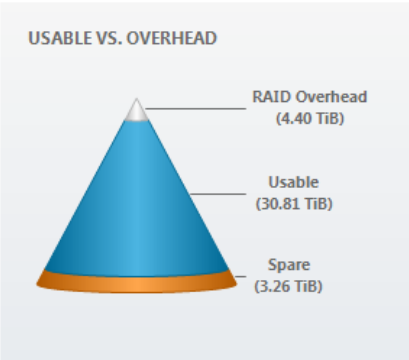
USABLE CAPACITY

(33.9 TB)

30.8 TiB

MAX FRONT-END IOPS *

123,927



SUMMARY			
Model:	7400	SFF Enclosures:	2
Nodes:	4	Free Slots	-
1Gb Eth RCIP Ports:	4	LFF Enclosures:	-
FC 8Gb Ports:	8	Free Slots	-
		Total Disks:	48

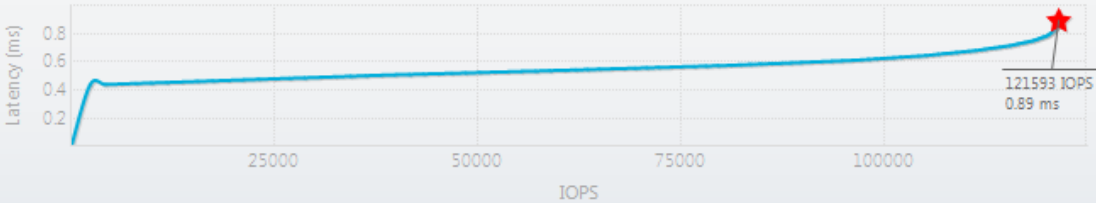
PHYSICAL SPECIFICATIONS	
Total Rack Space:	4U
Total Weight (without rack):	59.8 kg
Total BTU (balanced)	2970
Total Power (balanced)	0.872 kW

Performance Summary

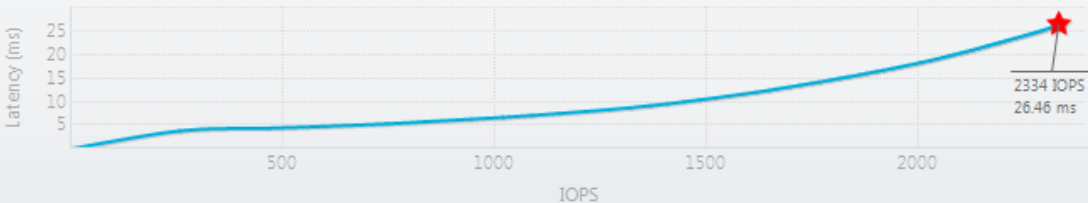
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SSD 16 x 920GB SSD SFF
RAID 5 - Random 8k 50% read/50% write (50 % DeCo virtual volumes)



SAS 32 x 900GB SAS 10K SFF
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](#)

Configuration Layout



Bill of Materials

Part Number	Description	Qty
QR485A	HP 3PAR StoreServ 7400 4-N Storage Base	1
E7W24B	HP 3PAR StoreServ M6710 920GB SAS SFF(2.5-inch) MLC SSD	16
QR496A	HP 3PAR StoreServ M6710 900GB 6G SAS 10K (2.5in) HDD	32