

Configuration Summary

STORAGE TIERS													
DRIVES			MODEL	RAID	HA	WORKLOAD	R/W	RAW	USABLE	MB/S	IOPS	RT (ms)	
	SSD	48	3.84TB SSD SFF	Raid 5 (3+1)	☐	Random	8k	50% Read	167.58 TiB	116.73 TiB	797	102,031	1.0

FLASH USABLE CAPACITY *

RATIO

1.5:1

1:1

116.7 TiB

1.5:1

175.1 TiB

116.7 TiB

175.1 TiB

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

RAW CAPACITY

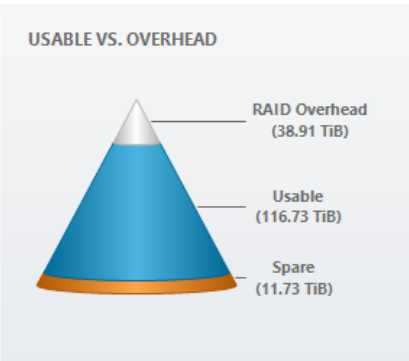
167.6 TiB

USABLE CAPACITY

116.7 TiB

MAX FRONT-END IOPS *

102,031



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

PHYSICAL SPECIFICATIONS	
Total Rack Space:	4U
Total Weight (without rack):	52.2 kg
Total BTU (balanced)	2026
Total Power (balanced)	0.589 kW

Performance Summary

STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	MB/S	IOPS	RT (ms)
SSD 48	3.84TB SSD SFF	Raid 5 (3+1)	☐	Random 8k	50% Read	797	102,031	1.0

SSD 48 x 3.84TB SSD SFF

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

IOPS	Latency (ms)
0	0.15
21000	0.40
42000	0.42
63000	0.45
84000	0.50
102031	0.97

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
QR512A	HP 3PAR StoreServ 7400c 2-N Storage Base	1
QR490A	HP 3PAR StoreServ M6710 (2.5in) 2U SAS Drive Enclosure	1
K2Q91A	HP 3PAR StoreServ M6710 3.84TB 6G SAS SFF (2.5in) cMLC SSD	48