

# Configuration Summary

## STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	RAW	USABLE	MB/S	IOPS	RT (ms)
SSD 16	3.84TB SSD SFF	Raid 5 (7+1)	<input type="checkbox"/>	Random	8k 50% Read	55,86 TiB	42,56 TiB	801	102 482	1,1

## FLASH USABLE CAPACITY \*



RATIO  
**1,5:1**

**42,6 TiB**

**63,8 TiB**

1:1  42,6 TiB

1,5:1  **63,8 TiB**

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

RAW CAPACITY (61,4 TB)

**55,9 TiB**

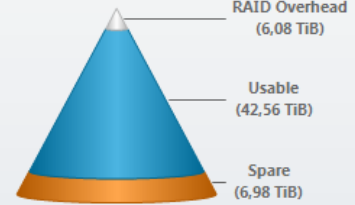
USABLE CAPACITY (46,8 TB)

**42,6 TiB**

MAX FRONT-END IOPS \*

**102 482**

## USABLE VS. OVERHEAD



## SUMMARY

Model:	<b>7450C</b>	SFF Enclosures:	<b>1</b>
Nodes:	<b>2</b>	Free Slots:	<b>8</b>
1Gb Eth RCIP Ports:	<b>2</b>	LFF Enclosures:	-
FC 8Gb Ports:	<b>4</b>	Free Slots:	-
		Total Disks:	<b>16</b>

## PHYSICAL SPECIFICATIONS

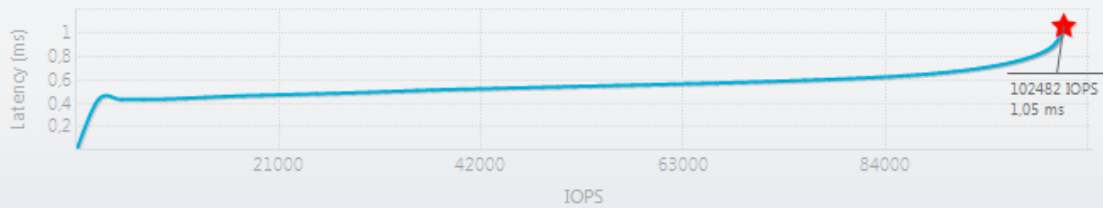
Total Rack Space:	<b>2U</b>
Total Weight (without rack):	<b>27,2 kg</b>
Total BTU (balanced)	<b>1350</b>
Total Power (balanced)	<b>0,394 kW</b>

# Performance Summary

## STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	MB/S	IOPS	RT (ms)
SSD 16	3.84TB SSD SFF	Raid 5 (7+1)	<input type="checkbox"/>	Random 8k	50% Read	801	102 482	1,1

SSD 16 x 3.84TB 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

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## Bill of Materials

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<b>Part Number</b>	<b>Description</b>	<b>Qty</b>
E7X87A	HP 3PAR StoreServ 7450c 2-N Storage Base	1
K2Q91A	HP 3PAR StoreServ M6710 3.84TB 6G SAS SFF (2.5in) cMLC SSD	16