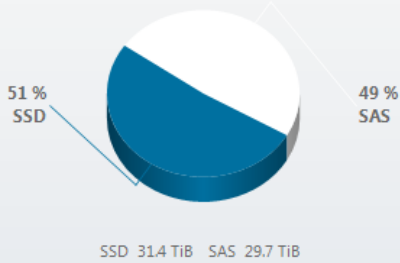


# Configuration Summary

## STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	RAW	USABLE	MB/S	IOPS	RT (ms)
SSD 24	1.92TB SSD SFF	Raid 5 (5+1)	<input type="checkbox"/>	Random	8k 50% Read	41.88 TiB	31.41 TiB	801	102,480	1.0
SAS 24	1.8TB SAS 10K SFF	Raid 6 (10+2)	<input type="checkbox"/>	Random	8k 50% Read	39.26 TiB	29.70 TiB	14	1,740	26.6

## CAPACITY BREAKDOWN



RAW CAPACITY (89.3 TB)

**81.1 TiB**

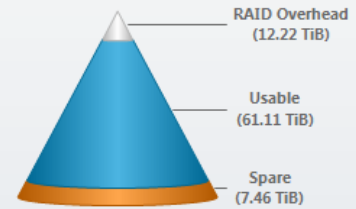
USABLE CAPACITY (67.2 TB)

**61.1 TiB**

MAX FRONT-END IOPS \*

**103,000** ⚠

## USABLE VS. OVERHEAD



## SUMMARY

Model:	<b>7440C</b>	SFF Enclosures:	<b>2</b>
Nodes:	<b>2</b>	Free Slots:	-
1Gb Eth RCIP Ports:	<b>2</b>	LFF Enclosures:	-
FC 8Gb Ports:	<b>4</b>	Free Slots:	-
		Total Disks:	<b>48</b>

## PHYSICAL SPECIFICATIONS

Total Rack Space:	<b>4U</b>
Total Weight (without rack):	<b>52.2 kg</b>
Total BTU (balanced)	<b>2276</b>
Total Power (balanced)	<b>0.665 kW</b>

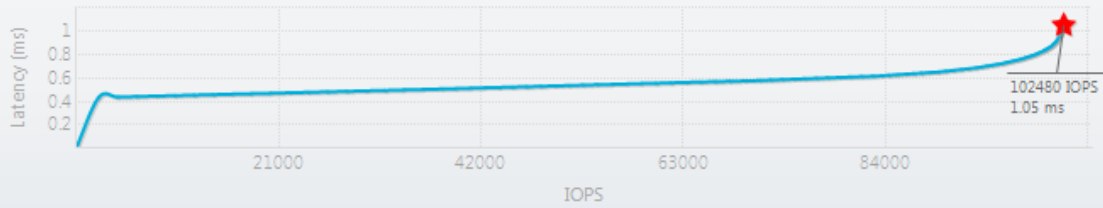
# Performance Summary

## STORAGE TIERS

DRIVES	MODEL	RAID	HA	WORKLOAD	R/W	MB/S	IOPS	RT (ms)	
SSD	24	1.92TB SSD SFF	Raid 5 (5+1)	<input type="checkbox"/> Random	8k	50% Read	801	102,480	1.0
SAS	24	1.8TB SAS 10K SFF	Raid 6 (10+2)	<input type="checkbox"/> Random	8k	50% Read	14	1,740	26.6

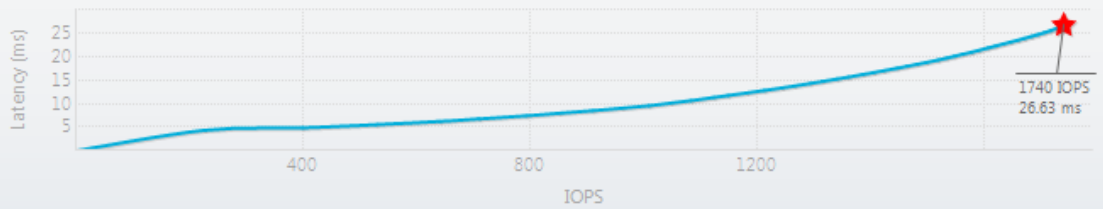
### SSD 24 x 1.92TB SSD SFF

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



### SAS 24 x 1.8TB SAS 10K SFF

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



NinjaSTARS v2.12.0.1 (PEM v3.3.2)

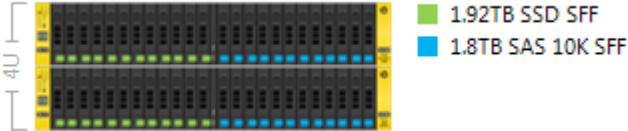
## FILE PERSONA

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

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## Bill of Materials

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<b>Part Number</b>	<b>Description</b>	<b>Qty</b>
E7X76A	HP 3PAR StoreServ 7440c 2-N Storage Base	1
QR490A	HP 3PAR StoreServ M6710 (2.5in) 2U SAS Drive Enclosure	1
E7Y57A	HP 3PAR StoreServ M6710 1.92TB 6G SAS SFF (2.5in) cMLC SSD	24
K0F26A	HP 3PAR StoreServ M6710 1.8TB 6G SAS 10K (2.5in) HDD	24