

HPE Read Intensive - SSD - 1.92 TB

hot-swap - 2.5" SFF - SAS 12Gb/s - with HPE Smart Carrier

Group	HDDs
Manufacturer	HPE
Manufacturer item no.	P04519-B21
EAN/UPC	0190017284026



Description

Do you need more performance from your sever or platform? HPE SSDs deliver advanced performance and endurance while reducing power consumption for customers with applications requiring high random read and write IOPs performance.

Main features

Product Description	HPE Read Intensive - SSD - 1.92 TB - SAS 12Gb/s
Type	Solid state drive - hot-swap
Capacity	1.92 TB
NAND Flash Memory Type	Multi-level cell (MLC)
Form Factor	2.5" SFF
Interface	SAS 12Gb/s
Data Transfer Rate	1.2 GBps
Features	Digitally Signed Firmware
Dimensions (WxDxH)	15 mm
Bundled with	HPE Smart Carrier
Designed For	Apollo 4200 Gen9, 4510 Gen9; Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10, Medium Solution with HPE ProLiant DL325 Gen10, Medium Solution with HPE ProLiant DL360 Gen10, Small Solution with HPE ProLiant DL360 Gen10; ProLiant BL460c Gen10, DL180 Gen10, DL325 Gen10, DL360 Gen10, DL360 Gen9, DL380 Gen10, DL380 Gen9, DL385 Gen10, DL388 Gen10, DL560 Gen10, DL580 Gen10, ML110 Gen10, ML350 Gen10; Synergy 660 Gen10, 680 Gen9

Extended details

General	
Device Type	Solid state drive - hot-swap
Capacity	1.92 TB
NAND Flash Memory Type	Multi-level cell (MLC)
Form Factor	2.5" SFF
Interface	SAS 12Gb/s
Features	Digitally Signed Firmware
Height	15 mm

	Performance
Drive Writes Per Day (DWPD)	1
SSD Endurance	3504 TB
Drive Transfer Rate	1.2 GBps (external)
Internal Data Rate	1075 MBps (read) / 1030 MBps (write)
4KB Random Read	109000 IOPS
4KB Random Write	54000 IOPS
Maximum 4KB Random Write	54000 IOPS
Maximum 4KB Random Read	165000 IOPS
	Expansion & Connectivity
Interfaces	1 x SAS 12 Gb/s
Compatible Bay	2.5" SFF
	Power
Power Consumption	8.98 Watt (maximum) 6 Watt (random read) 6 Watt (random write) 6.98 Watt (sequential read) 6.98 Watt (sequential write) 5.43 Watt (random read/write)
	Manufacturer Warranty
Service & Support	Limited warranty - 3 years
	Compatibility Information
Designed For	HPE Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10 (2.5"), Medium Solution with HPE ProLiant DL325 Gen10 Plus (2.5"), Medium Solution with HPE ProLiant DL360 Gen10 (2.5"), Small Solution with HPE ProLiant DL360 Gen10 (2.5") HPE ProLiant DL180 Gen10 Entry (2.5"), DL180 Gen10 SMB (2.5"), DL325 Gen10 (2.5"), DL325 Gen10 Base (2.5"), DL325 Gen10 Entry (2.5"), DL325 Gen10 Performance (2.5"), DL325 Gen10 Plus (2.5"), DL325 Gen10 Plus All-NVMe Flash Node for Qumulo (2.5"), DL325 Gen10 Plus All-NVMe Flash Node for Software Defined Storage (2.5"), DL325 Gen10 Plus for Weka Expansion Tracking (2.5"), DL325 Gen10 SMB Solution (2.5"), DL325 Gen10 Solution (2.5"), DL360 Gen10 All Flash Server for Weka (2.5"), DL360 Gen10 Compute Server for Cohesity DataPlatform (2.5"), DL360 Gen10 Network Choice (2.5"), DL360 Gen10 Performance for Cohesity DataPlatform (2.5"), DL360 Gen10 Remote Office Branch Office Server for Cohesity DataPlatform (2.5"), DL360 Gen10 SMB (2.5"), DL360 Gen10 SMB Network Choice (2.5"), DL360 Gen10 Solution (2.5"), DL360 Gen9 High Performance (2.5"), DL380 Gen10 All Flash Server for Datera (2.5"), DL380 Gen10 Entry SMB (2.5"), DL380 Gen10 for Cohesity DataPlatform (2.5"), DL380 Gen10 for SAP HANA Compute Block (2.5"), DL380 Gen10 Hybrid Server for Datera (2.5"), DL380 Gen10 Network Choice (2.5"), DL380 Gen10 Network Choice for CTERA (2.5"), DL380 Gen10 Network Choice for SAP HANA Compute Block (2.5"), DL380 Gen10 Server for CTERA (2.5"), DL380 Gen10 SMB (2.5"), DL380 Gen10 SMB Networking Choice (2.5"), DL380 Gen10 Solution (2.5"), DL385 Gen10 High-Performance (2.5"), DL385 Gen10 Plus (2.5"), DL385 Gen10 Plus Entry (2.5"), DL385 Gen10 SMB (2.5"), DL385 Gen10 Solution (2.5"), DL388 Gen10 (2.5"), DL560 Gen10 for SAP HANA Compute Block (2.5"), ML110 Gen10 Solution (2.5"), ML350 Gen10 High Performance (2.5"), ML350 Gen10 SMB (2.5"), ML350 Gen10 Solution (2.5"), ML350 Gen10 Special Server (2.5")

Technical data © 1WorldSync. Subject to technical modifications and errors.