

HPE SSD - 3.84 TB - hot-swap

2.5" SFF - SATA 6Gb/s - with HPE Smart Carrier

Group	HDDs
Manufacturer	HPE
Manufacturer item no.	P21517-B21
EAN/UPC	0190017402710



Description

HPE solid state drives are ideal for big data analytics, cloud computing, active archiving, database applications, and data warehousing.

Main features

Product Description	HPE - SSD - 3.84 TB - SATA 6Gb/s
Type	Solid state drive - hot-swap
Capacity	3.84 TB
NAND Flash Memory Type	Multi-level cell (MLC)
Form Factor	2.5" SFF
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Features	Mixed-Use, Digitally Signed Firmware
Bundled with	HPE Smart Carrier
Designed For	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 DL20 Gen10, DL325 Gen10, DL360 Gen10, DL380 Gen10, DL385 Gen10, DL388 Gen10, DL580 Gen10, ML110 Gen10; Synergy 480 Gen10, 660 Gen10

Extended details

	General
Device Type	Solid state drive - hot-swap
Capacity	3.84 TB
NAND Flash Memory Type	Multi-level cell (MLC)
Form Factor	2.5" SFF
Interface	SATA 6Gb/s
Features	Mixed-Use, Digitally Signed Firmware
Bundled with	HPE Smart Carrier
	Performance
Drive Writes Per Day (DWPD)	3

Drive Transfer Rate	600 MBps (external)
4KB Random Read	61000 IOPS
4KB Random Write	32000 IOPS
Expansion & Connectivity	
Interfaces	1 x SATA 6 Gb/s - 7 pin Serial ATA
Compatible Bay	2.5" SFF
Power	
Power Consumption	1.11 Watt (idle) 2.44 Watt (random read) 2.44 Watt (random write) 1.85 Watt (sequential read) 2.14 Watt (sequential write) 2.44 Watt (random read/write) 2.44 Watt (maximum)
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 DL20 Gen10 (2.5"), DL20 Gen10 Entry (2.5"), DL20 Gen10 Performance (2.5"), DL20 Gen10 solution (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 Premium (2.5"), DL360 Gen10 SMB (2.5"), DL360 Gen10 SMB Network Choice (2.5"), DL360 Gen10 Solution (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 NVMe All Flash Server for Datera (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 (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"), ML110 Gen10 Solution (2.5") HPE Synergy 480 Gen10 Compute Module (2.5"), 480 Gen10 Plus Base Compute Module (2.5"), 660 Gen10 Compute Block (2.5")

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