

HPE Mixed Use - SSD - 3.2 TB - hot-swap

2.5" SFF - SAS 22.5Gb/s - with HPE Smart Carrier

Group	HDDs
Manufacturer	HPE
Manufacturer item no.	P26358-B21
EAN/UPC	0190017488462



Description

Do you need more performance from your HPE ProLiant Sever series or HPE Synergy platforms? HPE Solid State Drives (SSDs) deliver exceptional performance and endurance while reducing power consumption for customers with applications requiring high random read and write IOPs performance. Categorized by Read Intensive (RI), Mixed Use (MU), and Write Intensive (WI), you can choose the right SSD that tailors to your workload demands. Also, you can prevent data loss and monitor the SSD life with HPE SmartSSD Wear Gauge compatibility in management tools. Leveraging NAND Flash technology, they support HPE ProLiant servers including Gen9 and server storage platforms. Available as Small Form Factor (SFF) and Large Form Factor (LFF) hot plug devices, non-hot plug SFF devices, and SFF Quick Release devices, you have great flexibility in your installation. These drives deliver higher performance, better latency, and more power-efficient solutions when compared with traditional rotating media.

Main features

Product Description	HPE Mixed Use - SSD - 3.2 TB - SAS 22.5Gb/s
Type	Solid state drive - hot-swap
Capacity	3.2 TB
NAND Flash Memory Type	Triple-level cell (TLC)
Form Factor	2.5" SFF
Interface	SAS 22.5Gb/s
Data Transfer Rate	22.5 GBps
Features	Mixed-Use, Digitally Signed Firmware
Dimensions (WxDxH)	1.5 cm
Bundled with	HPE Smart Carrier
Designed For	Nimble Storage dHCI Medium Solution with HPE ProLiant DL325 Gen10, Medium Solution with HPE ProLiant DL360 Gen10, Small Solution with HPE ProLiant DL360 Gen10; ProLiant DL160 Gen10, DL180 Gen10, DL20 Gen10, DL325 Gen10, DL360 Gen10, DL385 Gen10, DL560 Gen10, DL580 Gen10; Synergy 480 Gen10

Extended details

General	
Device Type	Solid state drive - hot-swap
Capacity	3.2 TB
NAND Flash Memory Type	Triple-level cell (TLC)

Form Factor	2.5" SFF
Interface	SAS 22.5Gb/s
Features	Mixed-Use, Digitally Signed Firmware
Height	1.5 cm
Bundled with	HPE Smart Carrier
Performance	
Drive Writes Per Day (DWPD)	3
SSD Endurance	17121 TB
Drive Transfer Rate	22.5 GBps (external)
Internal Data Rate	1080 MBps (read) / 1035 MBps (write)
4KB Random Read	173000 IOPS
4KB Random Write	130000 IOPS
Expansion & Connectivity	
Interfaces	1 x SAS 22.5Gb/s
Compatible Bay	2.5" SFF
Power	
Power Consumption	2.92 Watt (idle) 6.33 Watt (random read) 6.33 Watt (random write) 6.6 Watt (sequential read) 9.68 Watt (sequential write) 6.33 Watt (random read/write) 9.68 Watt (maximum)
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years
Compatibility Information	
Designed For	HPE Nimble Storage dHCI 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 DL160 Gen10 Base (2.5"), DL160 Gen10 Entry (2.5"), DL160 Gen10 SMB (2.5"), DL180 Gen10 (2.5"), DL180 Gen10 Base (2.5"), DL180 Gen10 Entry (2.5"), DL180 Gen10 SMB (2.5"), 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 32TB Performance Server for Cohesity DataPlatform (2.5"), DL360 Gen10 77TB Performance Server for Cohesity DataPlatform (2.5"), DL360 Gen10 All Flash Server for Datera (2.5"), DL360 Gen10 All Flash Server for Weka (2.5"), DL360 Gen10 Compute Server for Cohesity DataPlatform (2.5"), DL360 Gen10 Low (2.5"), DL360 Gen10 Network Choice (2.5"), DL360 Gen10 Network Choice for SAP HANA Compute Block (2.5"), DL360 Gen10 Performance for Cohesity DataPlatform (2.5"), DL360 Gen10 Premium (2.5"), DL360 Gen10 Remote Office Branch Office Server for Cohesity DataPlatform (2.5"), DL360 Gen10 Server for CTERA (2.5"), DL360 Gen10 SMB (2.5"), DL360 Gen10 SMB Network Choice (2.5"), DL360 Gen10 Solution (2.5"), DL360 Gen10 Special Server (2.5"), DL385 Gen10 (2.5"), DL385 Gen10 Base (2.5"), DL385 Gen10 Entry (2.5"), DL385 Gen10 High-Performance (2.5"), DL385 Gen10 Performance (2.5"), DL385 Gen10 Plus (2.5"), DL385 Gen10 Plus Entry (2.5"), DL385 Gen10 SMB (2.5"), DL385 Gen10 Solution (2.5"), DL560 Gen10 for SAP HANA Compute Block (2.5") HPE Synergy 480 Gen10 Plus Base Compute Module (2.5")

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