

HPE Mixed Use Value - SSD - 960 GB

hot-swap - 3.5" LFF - SAS 12Gb/s - Multi Vendor - with HPE Low Profile Converter - for Apollo 4200 Gen10 - 4510 Gen10; Disk Enclosure D8000

Group	Flash Memory
Manufacturer	HPE
Manufacturer item no.	P37009-K21
EAN/UPC	0190017484334



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 Value - SSD - 960 GB - SAS 12Gb/s
Type	Solid state drive - hot-swap
Capacity	960 GB
NAND Flash Memory Type	Triple-level cell (TLC)
Form Factor	3.5" LFF
Interface	SAS 12Gb/s
Data Transfer Rate	1.2 GBps
Dimensions (WxDxH)	15 mm
Weight	500 g
Bundled with	HPE Low Profile Converter
Designed For	Apollo 4200 Gen10 (3.5"), 4200 Gen10 384TB 25Gb Capacity Server for Cohesity DataPlatform (3.5"), 4200 Gen10 384TB Capacity Server for Cohesity DataPlatform (3.5"), 4200 Gen10 for BlueData Software (3.5"), 4200 Gen10 for HPE Ezmeral Container Platform (3.5"), 4510 Gen10, 4510 Gen10 System for Cohesity DataPlatform; Disk Enclosure D8000 with Single I/O Module

Extended details

General	
Device Type	Solid state drive - hot-swap
Capacity	960 GB
NAND Flash Memory Type	Triple-level cell (TLC)

Form Factor	3.5" LFF
Interface	SAS 12Gb/s
Height	15 mm
Weight	500 g
Bundled with	HPE Low Profile Converter
Performance	
Drive Writes Per Day (DWPD)	3
SSD Endurance	5250 TB
Drive Transfer Rate	1.2 GBps (external)
Internal Data Rate	790 MBps (read) / 635 MBps (write)
4KB Random Read	108000 IOPS
4KB Random Write	47000 IOPS
Expansion & Connectivity	
Interfaces	1 x SAS 12 Gb/s
Compatible Bay	3.5" LFF
Power	
Power Consumption	4.26 Watt (idle) 4.97 Watt (random read) 4.97 Watt (random write) 6.71 Watt (sequential read) 6.95 Watt (sequential write) 6.95 Watt (random read/write) 9.65 Watt (maximum)
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years
Compatibility Information	
Designed For	HPE Apollo 4200 Gen10 (3.5"), 4200 Gen10 384TB 25Gb Capacity Server for Cohesity DataPlatform (3.5"), 4200 Gen10 384TB Capacity Server for Cohesity DataPlatform (3.5"), 4200 Gen10 for BlueData Software (3.5"), 4200 Gen10 for HPE Ezmeral Container Platform (3.5"), 4510 Gen10, 4510 Gen10 System for Cohesity DataPlatform HPE Disk Enclosure D8000 with Single I/O Module

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