

HPE 3.84TB SATA 6G Read Intensive SFF SC Multi Vendor SSD (P18428-K21)



What's new

- HPE 480 GB and 3.84 TB SATA 6G Read Intensive SFF (2.5-inch) BC PM893a SSD
- HPE 480 GB and 3.84 TB SATA 6G Read Intensive SFF (2.5-inch) SC PM893a SSD

Overview

Do you need to accelerate the performance and deliver enterprise features at an affordable price?

HPE SATA Read Intensive (RI) Solid State Drives (SSDs) deliver enterprise features at an affordable price. HPE SATA RI SSDs deliver great performance for workloads high in reads such as boot/swap, web servers, and read caching. HPE SSDs are backed by over 3.35 million hours of testing and qualification [1] ensuring reliable, high performing drives. HPE Digitally Signed Firmware prevents unauthorized access to your data by providing the assurance that drive firmware

comes from a trusted source. You can also monitor the lifespan of your SSD with HPE SmartSSD Wear Gauge to determine if any drives are at risk of failure.

Features

High Performance, Exceptional Reliability, and Efficiency for Faster Business Results

HPE SATA Read Intensive Solid State Drives are ideal for big data analytics, cloud computing, active archiving, database applications, and data warehousing.

HPE SSDs achieve higher IOPs to enhance the performance of your data center.

HPE SSDs maintain data accuracy with full data-path error detection.

Choose from a broad portfolio of enhanced solutions in a wide variety of capacities.

Support 6 Gb/s SATA

HPE Multi Vendor SSDs Offer Longer SKU Lifecycles and Immediate Availability on SATA SSDs

HPE enhanced its extensive SSD portfolio with a Multi Vendor SSD SKU offering that allows for extended SKU lifecycles, immediately available supply and preferably priced SATA SSDs.

HPE Multi Vendor SSD SKU offering ensures the SATA SSD selected, delivers the minimum level of performance published, or better.

Hewlett Packard Enterprise Solid State Drives are rigorously tested 3.35 million hours in various environments to achieve the quality standards you need.

Technical specifications

HPE 3.84TB SATA 6G Read Intensive SFF SC Multi Vendor SSD

Product Number	P18428-K21
Lifetime writes	3,400
Endurance DWPD (Drive Writes Per Day)	0.5
Read IOPS	Random Read IOPS (4KiB, Q=16)=54,000 Max Random Read IOPS (4KiB)=56,000@Q32
Write IOPS	Random Write IOPS (4KiB, Q=16)=22,500 Max Random Write IOPS (4KiB)=25,000@Q4
Power (Watts)	3.88
Plug type	Hot Pluggable
Height	7 mm
Platform supported	HPE Storage Platforms
Product dimensions (metric)	21.92 x 22.86 x 14.61 cm
Weight	0.68 kg
Warranty	HPE Solid State Drives and Add-In Cards have a standard 3/0/0 warranty Customer Self Repair (CSR) subject to maximum usage limitations. Maximum usage limit is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for warranty coverage

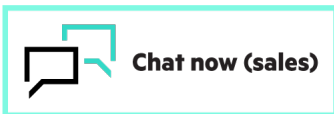
[1] HPE internal lab testing. 3.35 million hour test quant is derived from a combination of drive qualification test plans, specifically HDDQ spec-supplier responsibility to perform, HDDQ spec-HPE responsibility to perform, Reliability Demonstration Test (RDT) spec, CSI integration test spec and pilot test requirements.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
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