



Hewlett Packard
Enterprise

HPE 3.2TB SAS 12G MIXED USE SFF (2.5IN) SC 3YR WTY SSD (P19917-B21)

Server Solid State Drives



WHAT'S NEW

- HPE 800 GB, 1.6 TB, 3.2 TB, 6.4 TB SAS 12G Mixed Use SFF (2.5-inch) SC, 3-year Warranty SSDs

OVERVIEW

Do you need to accelerate the performance of your mixed use applications?

HPE 12Gb SAS Mixed Use (MU) SSDs deliver enterprise features at an affordable price for applications requiring high random read and write IOPS performance. SAS MU SSDs transfer data at full duplex (bidirectional) allowing greater I/O bandwidth to alleviate bottlenecks at twice the 6Gb interface of SATA drives

HPE 12Gb SAS MU SSDs are best suited for mission-critical enterprise applications requiring a balanced performance between read and write I/O to deliver enhanced performance and low latency. SAS MU SSDs are ideal for workloads such as Big Data analytics, HPC and virtualization

HPE 12Gb Value SAS MU SSDs offer a significant performance boost over SATA SSDs with roughly twice the read IOPS and are lower in cost than traditional SAS SSD drives. 12Gb Value SAS is a single-ported version of enterprise SAS, providing slightly reduced performance in exchange for being price competitive to enterprise SATA SSDs

FEATURES

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

HPE 12Gb SAS Mixed Use (MU) Solid State Drives (SSDs) are ideal for Big Data analytics, cloud computing, high performance compute, database applications and virtualization

Achieve higher IOPS and lower latency to enhance the performance of your data center

Maintain data accuracy with full data-path error detection

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

HPE 12Gb SAS SSDs and HPE 12Gb Value SAS SSDs

Value SAS SSDs Offer Twice the Interface Speed of SATA, Significantly Improving Workload Performance

HPE Value SAS solid state drives (SSDs) support 12Gb, versus SATA SSDs at 6Gb

Optimized for enterprise application workloads, HPE 12Gb Value SAS SSDs allow you to do more work with fewer servers by improving and consolidating transactional database workloads

HPE 12Gb Value SAS SSDs allow you to reduce operating costs for storing, powering and maintaining servers, as well as reducing your data center footprint

Available in a variety of storage capacities, HPE 12Gb Value SAS SSDs are the perfect choice for supporting read intensive and mixed use applications



Technical specifications**HPE 3.2TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty SSD**

Product Number (SKU)	P19917-B21
Lifetime Writes	17,121
Endurance DWPD (Drive Writes Per Day)	3
Read IOPS	Random Read IOPS (4KiB, Q=16)=110,000 Max Random Read IOPS (4KiB)=175,000@Q256
Write IOPS	Random Write IOPS (4KiB, Q=16) 125,000 Max Random Write IOPS (4KiB) 125,000@Q16
Power (Watts)	9.19
Plug Type	Hot Pluggable
Height	15mm
Minimum dimensions (H x W x D)	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.



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

HPE POINTNEXT

[HPE Pointnext](#) leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

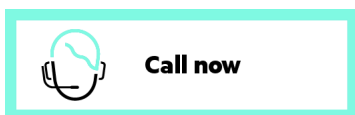
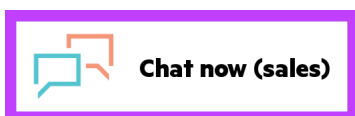
Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

HPE GREENLAKE

[HPE Greenlake](#) is an as-a-service offering that delivers on-demand capacity and planning, combining the agility and economics of public cloud with the security and performance of on-premises IT.

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