



Hewlett Packard
Enterprise

HPE 3.84TB SAS 12G READ INTENSIVE SFF (2.5IN) SC 3YR WTY SSD (P19907-B21)

Server Solid State Drives



WHAT'S NEW

- HPE 960 GB, 1.92 TB, 3.84 TB, 7.68 TB, 15.3 TB SAS 12G Read Intensive SFF (2.5-inch) SC, 3-year Warranty SSDs

OVERVIEW

Do you need to accelerate the performance of your read intensive applications?

HPE 12Gb SAS Read Intensive (RI) Solid State Drives (SSDs) deliver enterprise features at an affordable price for applications requiring high random read IOPS performance. SAS RI 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 RI SSDs are best suited for mission-critical enterprise applications requiring a strong blend of high read IOPS and low latency for workloads high in reads such as read caching, social media, web servers and boot/swap.

HPE 12Gb Value SAS RI 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. HPE 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 Read Intensive (RI) Solid State Drives (SSDs) are ideal for read caching, social media, web servers and boot/swap.

Achieve high 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

HPE Value SAS SSDs Offer Twice the IOPS of SATA SSDs, Significantly Improving Workload Performance

HPE Value SAS Solid State Drives (SSDs) support 12 Gbs, versus SATA SSDs at 6 Gbs

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 3.84TB SAS 12G Read Intensive SFF (2.5in) SC
3yr Wty SSD**

Product Number (SKU)	P19907-B21
Lifetime Writes	6,848
Endurance DWPD (Drive Writes Per Day)	0.8
Read IOPS	Random Read IOPS (4KiB, Q=16)=110,000 Max Random Read IOPS (4KiB)=175,000@Q128
Write IOPS	Random Write IOPS (4KiB, Q=16)=92,000 Max Random Write IOPS (4KiB)=92,000@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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