



Hewlett Packard
Enterprise

HPE 1.6TB NVME X4 LANES MIXED USE SFF (2.5IN) RW 3YR WTY DIGITALLY SIGNED FIRMWARE SSD (P12114- B21)

Server Solid State Drives



WHAT'S NEW

- HPE 800 GB, 6.4 TB, 12.8 TB NVMe High Performance Mixed Use SFF (2.5-inch) SC, 3-year Warranty, Universal Connect SSDs
- HPE 800 GB, 1.6 TB, 3.2 TB, 6.4 TB, 12.8

OVERVIEW

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

HPE NVMe Mixed Use (MU) SSDs are best suited for high I/O applications that require a balanced performance between

TB NVMe High Performance Mixed Use
SFF (2.5-inch) SCN, 3-year Warranty,
Universal Connect SSDs

reads and writes to deliver high performance and endurance for data intensive applications. NVMe SSDs communicate directly to applications via the PCIe bus to boost I/O bandwidth and reduce latency. HPE High Performance NVMe MU SSDs provide high performance, lower latency data transfers from storage significantly faster than SAS or SATA SSDs. Designed to utilize the high bandwidth of PCIe Gen3 and PCIe Gen4 in select servers for mixed use workloads such as Big Data analytics, HPC and virtualization. HPE Mainstream NVMe MU SSDs are advanced data center drives optimized for greater performance and endurance in a cost-effective design. Designed to utilize the high bandwidth of PCIe Gen3 on mixed use workloads that require outstanding IOPS per watt and cost per IOPS as an upgrade path from SATA SSDs.

FEATURES

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

HPE NVMe Mixed Use (MU) Solid State Drives (SSDs) are ideal for Big Data analytics, cloud computing, high performance compute, business intelligence, 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 NVMe High Performance SSDs, HPE NVMe Mainstream SSDs, M.2 and M.2 Enablement Kits

HPE continues to enhance its SSD portfolio by offering U.3 Universal Connect PCIe Gen4 NVMe SSDs

HPE U.3 Universal Connect PCIe Gen4 NVMe SSDs deliver higher performance for server-storage solutions to better meet the challenges within high-performance workloads

HPE U.3 Universal Connect PCIe Gen4 NVMe SSDs are 100% backwards compatible with NVMe U.2 SSD backplanes on HPE Gen10 servers



Technical specifications**HPE 1.6TB NVMe x4 Lanes Mixed Use SFF (2.5in)
RW 3yr Wty Digitally Signed Firmware SSD**

Product Number (SKU)	P12114-B21
Lifetime Writes	14,600
Endurance DWPD (Drive Writes Per Day)	5
Read IOPS	Random Read IOPS (4KiB, Q=16)=160,000 Max Random Read IOPS (4KiB)=720,000@Q256
Write IOPS	Random Write IOPS (4KiB, Q=16)135,000 Max Random Write IOPS (4KiB)145,000@Q16
Power (Watts)	15
Plug Type	Non-Hot Pluggable
Height	15mm
Minimum dimensions (H x W x D)	12.7 x 22.86 x 17.78 cm
Weight	0.5 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

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [HPE Proactive Care](#) offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- [HPE Foundation Care](#) helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[HPE Education Services](#) provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

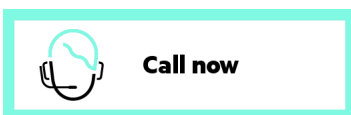
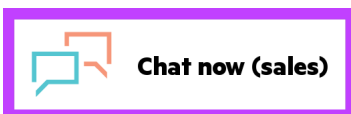
HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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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.

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