HPE NVMe Mainstream Performance Very Read Optimized EDSFF E3.S Solid State Drives

HPE 15.36TB NVMe Gen4 Mainstream Performance Very Read Optimized E3S EC1 EDSFF P5430 SSD (P63938-B21)

Что нового?

- Available in scalable sizes: 3.84 TB, 7.68 TB, 15.36 TB, 30.72 TB, 61.44 TB, and 122.8 TB storage capacities.

Обзор

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

HPE NVMe Mainstream Performance Very Read Optimized (VRO) Enterprise and Datacenter Standard Form Factor (EDSFF) E3.S Solid State Drives (SSDs) are best suited for applications requiring a massive amount of data to be stored and assessed at a strong price point. NVMe SSDs communicate directly to applications via the PCIe bus to boost I/O bandwidth and reduce latency. The HPE NVMe EDSFF E3.S SSD replaces the traditional 2.5-inch small form factor SSD while supporting greater density of NVMe drives. It provides high-performance data transfers at rates faster than SAS or SATA SSDs. The HPE NVMe Mainstream Performance Very Read Optimized EDSFF E3.S SSDs were designed to utilize the high bandwidth of PCIe Gen5 on Hewlett Packard Enterprise servers and storage with workloads high in reads such as AI, content-delivery networks, and data analytics.

Функции

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

HPE NVMe Mainstream Performance Very Read Optimized (VRO) Enterprise and Datacenter Standard Form Factor (EDSFF) E3.S Solid State Drives (SSDs) are ideal for data-intensive workloads, cloud compute, AI, content-delivery networks, or object-based storage.

Achieve higher IOPS and lower latency to enhance the performance of your enterprise servers while maintaining data accuracy with full data-path error detection.

Improved Thermals, Power, and Scalability

HPE NVMe Mainstream Performance Very Read Optimized EDSFF E3.S SSDs ship with a 1U server that can fit 20 E3.S or 10 E3.S 2T drives.

For larger deployments, a 2U server can fit 36 E3.S or 18 E3.S 2T drives for accelerated workload performance.

Технические характеристики	HPE 15.36TB NVMe Gen4 Mainstream Performance Very Read Optimized E3S EC1 EDSFF P5430 SSD
Product Number	P63938-B21
Записей в течении срока службы	14,340
Износостойкость DWPD (перезаписей носителя в день)	Very Read Optimized (VRO) Endurance: <= 0.51 DWPD
Скорость чтения IOPS	Random Read IOPS (4KiB, Q=16)= 148,022 Max Random Read IOPS (4KiB)= 958,736.8@Q256
Скорость записи, IOPS	Random Write IOPS (4KiB, Q=16)= 135,419 Max Random Write IOPS (4KiB)= 144,081.1@Q256
Питание (Вт)	21
Штепсельный тип	Hot Pluggable
Высота	7.7 mm
Гарантия	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.
Вес	0.54 kg
Размеры продукта (метрическая система)	20 x 25.4 x 11.6 cm
Поддерживаемые платформы	HPE Compute Mainstream Platforms, see QuickSpecs for more information
Ёмкость	15.36 TB
Интерфейс	NVMe
Поддерживаемые рабочие нагрузки	Very Read Optimized
Тип держателя	E3.S Thin Carrier

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

Для получения дополнительной технической информации, доступных моделей и опций обратитесь к QuickSpecs

Visit HPE.com

Чат

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