



HPE 32GB MICROSD FLASH MEMORY CARD (700139-B21)

Flash Media Devices



WHAT'S NEW

- HPE 32 GB microSD RAID 1 USB Boot Drive

OVERVIEW

Do you need a self-contained resilient boot solution that does not impact overall server storage capacity or consume a PCIe slot?

HPE Flash Memory Cards and USB Drives are engineered with enterprise-class high endurance NAND for life within non-stop datacenter environments. Using the highest industry flash technology to provide a higher level of performance and longer endurance characteristics at an enterprise level, each device undergoes rigorous testing and software validation to

verify the highest level of quality and reliability while running on HPE ProLiant servers.

FEATURES

Low Cost RAID 1 Boot Solution for VMware Environments

HPE USB Flash Drive with dual 32 GB microSD cards and on-board RAID 1.

Delivers a redundant OS boot without consuming server storage drive bays or consuming an internal PCIe slot.

Lower cost alternative to traditional boot methods that require multiple HDDs or SSDs with an array controller.

32 GB capacity supports VMware vSphere v6.5 and later deployments up to 8TiB (DRAM sizing of solution deployment).

Integrated on-board RAID 1 for customers requiring “dual boot” solution.

Highly Reliable Enterprise-Class microSD Drives

Utilizes high endurance 3D pSLC NAND.

Qualified and tested for use on HPE ProLiant Gen9, Gen10 and Gen10 Plus servers.

HPE Qualified Options Meet High Reliability and Performance Demands

HPE tests and qualifies these devices according to stringent guidelines with strict revision control on the controllers and actual flash memory. This provides utmost reliability and performance within HPE customer production environment.

Technical specifications

HPE 32GB microSD Flash Memory Card

Product Number (SKU)	700139-B21
Usable capacity	32GB
Performance	33+ MB/second Read Transfer Rate, 34+ MB/second Write Transfer Rate
Class	UHS I
Form factor	microSD Memory Card
Voltage	2.7V (min) - 3.6V (max)
Compliance	SD Card Association
Product Dimensions (imperial)	15mm(L) x 11mm(W) x .95mm(H)
Warranty	HPE Flash Media Kits have a 1-year limited warranty regardless of the warranty period for the system in which they are installed.



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

- **[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](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

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



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

HPE GREENLAKE

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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.

SD and microSD are trademarks or registered trademarks of SD-3C in the United States, other countries or both. All other third-party trademark(s) is/are property of their respective owner(s).

Image may differ from the actual product
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