



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

## Flash Media Devices



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### 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

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



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

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### 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 Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

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- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[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.

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

## 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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