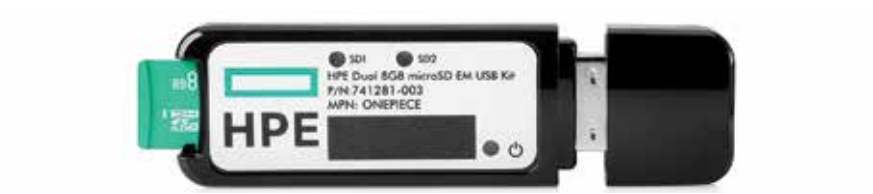
Hewlett Packard Enterprise

Data sheet

HPE Flash Media Kits

High performance solutions for boot



HPE Flash Media Kits offer reliable Flash boot solutions with high performance, high endurance, and better data retention for virtualized environments such as Windows Server® and Linux® across the HPE ProLiant portfolio. These Flash Media Kits are available in two device form factors: microSD Flash Memory Cards, and Flash USB Drives. Hewlett Packard Enterprise tests and qualifies these devices according to stringent guidelines with strict revision control on the controllers and actual Flash memory. This facilitates greater reliability and performance within your IT environments.

Available HPE Flash Media devices

- HPE 8GB microSD Flash Memory Card
- HPE 32GB microSD Flash Memory Card
- HPE 8GB Dual microSD Flash USB Drive
- HPE 8GB Flash USB Drive

Key features and benefits

Designed especially for **HPE ProLiant servers**, HPE Flash Media Kits offer faster OS boot time when compared to traditional spindle storage media. Main features include:

- Higher write cycles (up to 20,000 write cycles or up to 6–20X greater than consumer products)
- Static and dynamic wear leveling
- Data retention of one year at the life end of the Flash
- Direct install for Windows Server 2012

OS support

OS support for VM hypervisor solution

- VMware vSphere® 6.0
- VMware vSphere 6.5
- VMware vSphere 6.7

OS support for Windows®/Linux boot solution

- Windows Server 2012 Standard Server
- Windows Server 2012 Standard Server Core
- Windows Server 2012 Datacenter Server
- Windows Server 2012 Datacenter Server Core
- Windows Server 2012, Hyper-V Server
- Windows Server 2016 Hyper-V Server
- RHEL 6.3 (64-bit)
- RHEL 6.4 (64-bit)
- RHEL 7
- SLES11 SP2 (32- and 64-bit)
- SLES11 SP3 (32- and 64-bit)
- SLES12

Technical specifications

	HPE 8GB Dual microSD Flash USB Drive 741279-B21	**HPE 8GB Flash USB Drive** 737953-B21	**HPE 8GB microSD Flash Memory Card** 726116-B21	**HPE 32GB microSD Flash Memory Card** 700139-B21
Usable capacity	8 GB	8 GB	8 GB	32 GB*
Performance	25+ MB/second Read Transfer Rate, 8.6+ MB/second Write Transfer Rate	20+ MB/second Read Transfer Rate, 10+ MB/second Write Transfer Rate	34+ MB/second Read Transfer Rate, 33+ MB/second Write Transfer Rate	33+ MB/second Read Transfer Rate, 34+ MB/second Write Transfer Rate
Class	Class 10	N/A	Class 10	Class 10
Form factor	63 mm (L) x 20 mm (W) x 9.3 mm (H)	57.24 mm (L) x 17.29 mm (W) x 9.5 mm (H)	15 mm (L) x 11 mm (W) x 0.95 mm (H)	15 mm (L) x 11 mm (W) x 0.95 mm (H)
Voltage	4.0V (min)–6.0V (max)	4.5V (min)–5.5V (max)	2.7V (min)–3.6V (max)	2.7V (min)–3.6V (max)
Compliance	USB specification 2.0	USB specification revision 1.1 and 2.0	SD Card Association	SD Card Association
Operating temperature	0°C/70°C (operational), –25°C/85°C (nonoperational)	0°C/70°C (operational), –25°C/85°C (nonoperational)	0°C/70°C (operational), –25°C/85°C (nonoperational)	0°C/70°C (operational), –25°C/85°C (nonoperational)

*__Note:__ Capacity specified is total raw capacity of device. Actual usable capacity may be less.

Optimize your IT investment strategy with new ways to acquire, pay for, and use technology, in lock-step with your business and transformation goals.
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HPE Factory Express

HPE Factory Express provides customization and deployment services along with your server purchases. You can customize hardware to your exact specifications in the factory—helping speed deployment. Visit the HPE Factory Express here: **hpe.com/us/en/services/factory-express.html**

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 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 Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.
- **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.

Advisory Services includes design, strategy, roadmap, 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.

Introduce your virtualized environment to better efficiency and productivity

HPE Flash Media Kits for Memory Cards can help take the guesswork out of enhancing the cost-effectiveness and reliability of your data-intensive applications.

Learn more at
hpe.com/us/en/servers/server-options.html

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