HPE Flexible Slot Power Supplies

HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit (P17023-B21)

What's new

- New HPE 1800W-2200W Flex Slot Power Supply with 96% efficiency, 200-240 VAC input, 80 Plus Titanium certified.[2]
- HPE 1000W Flex Slot Power Supply with 96% efficiency, 100-240 VAC input, 80 Plus Titanium certified.
- HPE 800W Flex Slot Power Supply with 96% efficiency, 200-240V AC input, 80 Plus Titanium certified.
- Choice of -48 VDC HPE Flex Slot Power Supplies, delivering 800W or 1600W output.

Overview

How do you improve data center power efficiency without impacting IT performance?

HPE Flexible Slot Power Supplies deliver up to 96% power efficiency with 80 Plus Titanium-certified options that lower server power requirements, reduce power waste and costs in your data center, and simplify your spares strategy [1].
Its form factor is 25% smaller than previous generations leaving more space to add server options improving the performance of your servers. Fast, tool-less hot-plug access simplifies and enhances serviceability.
Support HPE ProLiant Gen10, Gen10 Plus, and Gen11 servers, select HPE Apollo Gen10 & Gen10 Plus systems, and HPE Alletra 4100 data storage servers, simplifying your spares strategy and further reducing data center

- HPE 1600W Flex Slot Power Supply with 94% efficiency, 200-240V AC input.
- HPE 800W Flex Slot Universal Power Supply providing choice of 277V AC or 380V DC input options.

costs.

Features

Improve Data Center Efficiency Without Impacting IT Performance

HPE Flexible Slot Power Supplies provide up to 96% power efficiency with 80 Plus Titanium-certified options that lower server power requirements and reduce power waste in your data center.

96% efficient power supplies comply with the European Union (EU) Commission regulation 2019/424 (EU Lot 9) efficiency requirements.

The power supply form factor is 25% smaller than previous generation HPE Common Slot Power Supplies, leaving more space to add server options improving the performance of your servers.

Fast, tool-less hot-plug access simplifies and enhances serviceability.

Support HPE ProLiant Gen10, Gen10 Plus and Gen11 servers, select HPE Apollo Gen10 & Gen10 Plus systems, and HPE Alletra 4100 data storage servers, simplifying your spares strategy and further reducing data center costs.

Technical specifications	HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit
Product Number	P17023-B21
Input voltage	48V DC
Efficiency	94%
Power output	1600W
Warranty	HPE power supplies will be covered at the same service level and for the same coverage period as the server unless the maximum supported lifetime and/or the maximum usage limitation has been exceeded.
Shipping weight	3500.05 kg
Shipping dimensions	6.80 x 4.04 x 22.53 cm

[1] Efficiency ratings based on testing performed by Ecova per the requirements of the 80PLUS program. For more information, visit: www.80plus.com

[2] 1600W maximum output on Gen10 and Gen10 Plus.

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.

For additional technical information, available models and options, please reference the QuickSpecs

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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.

Image may differ from the actual product.

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