

Overview

HPE Advanced Series Racks

Designed for server rooms to datacenters, the HPE Advanced Series Racks include a fully welded frame and advanced perforated door design. HPE Advanced Series Racks provide durability and cooling capabilities with a streamlined appearance and function. With multiple size, width and depth options, data center managers can choose the right rack for the compute technology and customize the rack solution with accessories to fit their computing environment. The Advanced Series also includes a rear convenience bracket to ease installation of cable management and power distribution and they are fully compatible with HPE Location Discovery Services.



Models

HPE Advanced Series Racks

600 mm Wide Racks

HPE 48U 600mm x 1075mm Advanced Pallet Rack	H6J87A
HPE 48U 600mm x 1075mm Advanced Shock Rack	H6J88A
HPE 42U 600mm x 1075mm Kitted Advanced Pallet Rack with Side Panels and Baying	TL253A
HPE 42U 600mm x 1075mm Kitted Advanced Shock Rack with Side Panels and Baying	TL254A
HPE 42U 600mm x 1075mm Advanced Pallet Rack	H6J65A
HPE 42U 600mm x 1075mm Advanced Shock Rack	H6J66A
HPE 42U 600mm x 1200mm Advanced Pallet Rack	H6J67A
HPE 42U 600mm x 1200mm Advanced Shock Rack	H6J68A
HPE 36U 600mm x 1075mm Advanced Pallet Rack	H6J77A
HPE 36U 600mm x 1075mm Advanced Shock Rack	H6J78A
HPE 22U 600mm x 1075mm Advanced Pallet Rack	H6J83A
HPE 22U 600mm x 1075mm Advanced Shock Rack	H6J84A
HPE 14U 600mm x 1075mm Advanced Shock Rack	H6J82A

NOTE: HPE 14U and 22U Advanced Series Racks include side panels.

800 mm Wide Racks

HPE 42U 800mm x 1200mm Advanced Pallet Rack	H6J69A
HPE 42U 800mm x 1200mm Advanced Shock Rack	H6J70A

Network Racks

HPE 42U 600mm x 1200mm Advanced Shock Network Rack	H6J72A
HPE 42U 800mm x 1200mm Advanced Shock Network Rack	H6J74A

Standard Features

At A Glance

- Fully welded frame provides multiple planes of support in all directions
- 81% open perforation door design allows for more efficient cooling
- 3000 lb static load and 2500 lb dynamic load (rolling) weight capacities
- Capable of shipping up to 2250 lb (rack plus installed equipment) using shock pallet options
- Cable management, rack stabilizer, baying, grounding kit and other options available allow you to customize your rack
- Tool less accessory mounting brackets in rear of rack for simple PDU integration
- Supports integrated server asset management capabilities with HPE Location Discovery Services options
- Wide range of rack model configurations including kitted racks that include side panels and a baying kit

Innovative Breakthroughs

- Improved cooling with 81% total open area on HPE rack front doors
- Improved data center space utilization with high weight load capacities
- Improved asset integration and management with HPE Location Discovery Services

HPE Location Discovery Services

HPE Location Discovery Services is the first solution that merges the physical rack with IT equipment to provide automated location awareness of installed servers for advanced asset management and workload placement.

HPE Advanced and Enterprise Series Racks equipped with the Location Discovery option provide detailed location information to HPE ProLiant servers to track new installations and equipment moves. Upon installation the server's iLO queries and records the rack identifier as well as the exact U location of the server in the rack. Once the server knows exactly where it is located this information can be forwarded to other systems such as HPE OneView and HPE Insight Control to automatically update new rack configurations. This saves time in configuring hardware and software to manage the data center while eliminating constant manual updates and the associated human errors that can slow resolution to issues and even cause down time and loss of business.

HPE Advanced Series Network Racks

HPE Network Racks are designed for dense network equipment. These racks have the front vertical rails moved back 75 mm to facilitate front to rear cabling and have additional bristle covered cable access slots in the front and on top of the racks to prevent mixing of hot and cold air and to allow for large cable bundles. These racks are available in standard 600 mm and 800 mm widths. The 800 mm wide HPE Network Racks include slotted vertical cable channels on both sides in the rear of the rack.

Industry Standard Support

The HPE Advanced Series Racks are industry standard EIA-310 19 inch RETMA and will support all HPE rack mountable equipment as well as third-party equipment designed to mount in 19-inch wide racks.

Industry Standards Compliance

EIA	Conforms to EIA-310D Type A cabinet per section 4.1.1
UL/CES Certification	Yes
WEEE	Yes
RoHS compliant	Yes
TAA compliant	No

Service and Support

Warranty / Service Coverage

HPE Racks are covered by a 3 year limited warranty.

For HPE ProLiant servers and storage systems, the service on the main product covers Hewlett Packard Enterprise branded hardware options, not designated by HPE as requiring separate coverage, that are qualified for the server, are purchased at the same time or afterward, and are internal to the enclosure, as well as Hewlett Packard Enterprise supported and supplied tower UPS products. These items will be covered at the same service level as the main product.

Coverage of the UPS battery is not included; standard warranty terms and conditions apply.

HPE Foundation Care Services

For HPE ProLiant servers and storage systems, the service on the main product covers Hewlett Packard Enterprise branded hardware options not designated by HPE as requiring separate coverage, that are qualified for the server, are purchased at the same time or afterward, and are internal to the enclosure, as well as Hewlett Packard Enterprise supported and supplied tower UPS products. These items will be covered at the same service level as the main product.

For the BladeSystem enclosures, the service covers the enclosure, power supplies, fans and enclosure devices including pass-thru, Ethernet interconnect and virtual connect modules. For HPE ProLiant servers, storage, or BladeSystem enclosures installed within a rack, service also covers all HPE qualified racks and rack options including UPS products not exceeding 12kVA, KVM switches, consoles and power distribution units installed within the same rack. The UPS battery is covered separately under its own warranty terms and conditions, limited to the term of the applicable warranty period.

- **HPE Services**
 - To help streamline implementation and enhance ongoing support of rack solution, Hewlett Packard Enterprise provides cost-effective service options with resources and specialized expertise to complement customers' in-house capabilities.
- **Installation and Startup services**
 - Take advantage of complete installation and implementation support – including global rollout capabilities – to get rack solutions up-and-running rapidly, with minimal business disruption.
- **Rack Option Hardware Support**
 - Cover rack options with a single convenient service package. HPE Care Pack Services for rack-mounted HPE ProLiant DL servers and storage products provide support for all Hewlett Packard Enterprise branded rack hardware options that are qualified for inclusion with the server at the time of or after purchase. In addition, 22-inch and smaller external monitors, tower units, and UPS options up to 3KVA are covered at the same service level and for the same period as the server at no additional cost. Also covered are any additional Hewlett Packard Enterprise qualified rack options installed within the same rack.

HPE Care Pack Services help increase uptime and productivity with rapid response on a 24 x 7 or 13 x 5 basis. Both options feature same-day, 4-hour onsite assistance when service issues cannot be resolved remotely. And both help enhance the return on server investment with proven HPE Services expertise and consistent support levels across geographically dispersed sites.

NOTE: To learn more, please visit:

<http://www.hpe.com/services>

Service and Support

NOTE: HPE Racks are supported as a part of the HPE Server Infrastructure. No separate HPE Care Packs need to be purchased.

HPE Technology Services for Industry Standard Servers

HPE Technology Services delivers confidence, reduces risk and helps customers realize agility and

Service and Support

stability. Connect to HPE to help prevent problems and solve issues faster. Our support technology lets you to tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

For more information

To learn more on services for HPE Server Options, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Or visit: <http://www.hpe.com/info/serveroptions>

Related Options

Hewlett Packard Enterprise offers a full line of accessories and options that can be added to HPE Racks allowing you to customize each rack to fit your IT requirements. HPE Rack accessories include upgrades such as side panels, baying kits, cable management kits, drawers, shelving, and filler panels. To build a complete rack and power infrastructure for your IT environment, Hewlett Packard Enterprise also offers a full line of options that include power distribution units (PDU), uninterruptible power systems (UPS), and KVM (keyboard, video, mouse) consoles and switches. See HPE Rack and Power Infrastructure for more complete information at: <http://www.hpe.com/info/rackandpower>.

NOTE: OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.

HPE Location Discovery Kits	HPE 48U Location Discovery Kit	F9V74A
	HPE 42U Location Discovery Kit	BW946A
	HPE 36U Location Discovery Kit	BW945A
	HPE 22U Location Discovery Kit	BW944A
	HPE 14U Location Discovery Kit	BW943A
	HPE Location Discovery Contact Cover Kit	BW942A

NOTE: Location Discovery Services requires iLO Advanced v1.20 or greater. Advanced integration with Insight Control requires Insight Control version 7.1.1 or greater. For additional information on HPE Discovery Services please go to <https://www.hpe.com/h20195/v2/gethtml.aspx?docname=c04123199>

Rack Baying Kits	HP Rack Baying Kit	BW902A
	NOTE: This kit can be used to connect HPE racks of the same U height and depth together. Includes (6) 24-inch baying brackets, (6) 600mm baying brackets, and T-30 Torx screws.	
	HPE 1075-1200mm Offset Baying Kit	BW941A
	NOTE: This kit can be used to connect 42U 1075mm to 42U 1200mm racks. Includes (3) 24-inch baying brackets, (3) 600mm baying brackets, and T-30 Torx screws.	
	HPE 1M-1075mm Offset Baying Kit	BW952A
	NOTE: This kit can be used to connect 42U 1075mm racks to 42U 1000mm depth racks. Includes (3) 24-inch baying brackets, (3) 600mm baying brackets, and T-30 Torx screws.	

Airflow Optimization	HPE Air Flow Optimization Kit	BW930A
	NOTE: The HPE Airflow Optimization kit seals air gaps inside the rack, in between bayed racks, and in the clearance from the floor to the rack to prevent hot and cold air from mixing thus optimizing the temperature at which the chilled air enters the racked servers.	
	NOTE: When configuring racks through HPE Factory Express, a rack optimization kit will automatically ship with the rack. This kit is recommended for all other bayed rack configurations also.	

Sidewall Panel Kits	HP 42U 1075mm Side Panel Kit	BW906A
	HP 42U 1200mm Side Panel Kit	BW909A
	HPE 48U 1075mm Side Panel Kit	H6J91A
	HP 36U 1075mm Side Panel Kit	BW898A
	NOTE: The lightweight, locking side panels come in 3 sections for better handling.	
	NOTE: HPE 14U and 22U Advanced Series Racks include side panels.	

Rack Stabilization Kits	HPE 600mm Rack Stabilizer Kit	BW932A
	HPE 600mm Heavy Duty V2 Stabilizer Kit	BW961A
	HPE 800mm Rack Stabilizer Kit	BW933A
	NOTE: The anti-tip stabilizer kits provide stability and support when equipment is installed, removed or accessed within the rack. Heavy duty stabilizer kits should be	

Related Options

used when a single racked component exceeds 200 lb.

HP 9000 and 10000 Rack Ballast Kit

120672-B21

NOTE: The HPE Rack Ballast Kit is designed to provide additional stability and support when used with the stabilizer Kit. It is typically used when very heavy equipment is routinely installed, removed or accessed within the rack. Compatible with HPE Advanced and Enterprise Series racks.

Tie Down Kit

HP 11K G2 Rack Tie Down Kit

AF076A

NOTE: The tie down kit is used to secure the rack to the datacenter floor for seismic anchoring.

Universal 1U Filler Panels

HP 1U 10-pack Black Universal Filler Panel

BW928A

HP 1U 100-pack Black Universal Filler Panel

BW929A

NOTE: The blanking panels are made from high grade molded plastic, and are designed to be installed without tools. The use of blanking panels is recommended to ensure proper airflow.

Rack Shelves

HP 10000 Rack 1U Monitor Utility Shelf

253449-B21

NOTE: This 1U fixed shelf can be mounted at any height to place a monitor or another component within the rack. The shelf has a maximum weight capacity of 150 lb (68kg) and ships with bezels for both a 15 inch and 17 inch monitor.

HP 100kg Sliding Shelf

234672-B21

Adjustable Rails

Depth Adjustable Fixed Rail Kit

332558-B21

NOTE: The kit contains two depth adjustable rails that allow Hewlett Packard Enterprise servers, storage, UPSs and other products to be mounted in HPE or third-party racks. Maximum weight capacity is 300 lb (136 kg).

Rack Light Kit

HPE Rack LED Light Kit

BW939A

NOTE: The Rack Light Kit is mounted under the roof of the rack and is used to illuminate the rear section of the rack. The light is turned on and off with the opening and closing of the rear doors.

Locking Drawer

HP 2U Universal Locking Drawer

361591-B21

NOTE: This product mounts on HPE Advanced and Enterprise Series racks with sliding rails and is used to store CD's, Instruction manuals, tools, and any other items that are frequently used at the rack. Drawer includes lock.

Cable Management Kits

HPE Quarter Turn Hook and Loop 10 Pack Kit

BW963A

HPE Quarter Turn Hook and Loop 100 Pack Kit

BW964A

NOTE: Quarter turn hook and loop straps attach to the accessory bracket in the rear of the rack without tools.

HPE Cable Management D Rings

168233-B21

NOTE: This kit consists of 10 "D" rings that can be used for cable management.

HP Rack Cable Management Velcro Clips

379820-B21

HP Rack Cable Management Kit

AF099A

NOTE: The HPE Rack Cable Management Kit includes a 1U and 2U front cable entry panel with brush inserts, (2) crossover cable brackets, (10) D-rings, (10) 8-inch hook and loop straps, (10) 10-inch hook and loop straps, and mounting hardware.

Rack Top Cable Trays

HP 600 Wide Rack Top Cable Tray

383982-B21

HP 800 Wide Rack Top Cable Tray

383983-B21

HPE Rack Top Cable Mgmt Transfer Tray

383984-B21

NOTE: HPE Rack Top Cable Tray connects two aisles of racks with HPE Rack Top Cable Trays to run overhead cables.

Related Options

Rack Fan Kits	HP 10000 Rack Roof Mount Fan (110V) Kit	257413-B21
	HP 10000 Rack Roof Mount Fan (220V) Kit	257414-B21
NOTE: The Rack Fan Kit mounted extractor fan kit enhances natural convection cooling by increasing airflow in the rack. The Rack Roof Mount Fan Kit is not compatible with 14U racks.		
Grounding Kit	HP Rack Grounding Kit	BW891A
	NOTE: The HPE Rack Grounding Kit can be used to reduce the level of electromagnetic emissions outside the rack. The kit includes (3) 6-inch grounding straps, (3) 14.5-inch grounding straps, (6) 6-inch grounding straps with connectors, and (6) 14.5-inch grounding straps with connectors.	
Hardware Kit	HPE Rack Hardware Kit	H6J85A
	NOTE: The HPE Rack Hardware Kit includes (24) M6 cage nuts, (24) M6x16 T25 screws, (10) 5 mm thread clip nuts, (10) 6 mm thread clip nuts, cage nut tool, and (5) quarter turn hook and loop straps.	
Rack Branding Kit	HPE Custom Door Branding Kit	BW935A
	NOTE: Blank that allows you to customize the rack with rack location information, branding, or other description information.	
Enterprise Series Door	HPE 42U Front Door Kit	BW934A
	NOTE: Doors are included in all HPE Advanced Series racks. HPE Enterprise Series Rack doors are made available for customers that wish to change the Advanced Series door for uniformity of appearance in the datacenter.	
HPE Basic Distribution Units	NOTE: HPE Basic PDU's provide reliable, low-cost power distribution throughout the rack and are available in both vertical and horizontal form factors to allow for flexible installation in your rack. For more information, please review the HPE Basic PDU QuickSpecs .	
	100-120V Input, Single Phase, North America/Japan	
	HPE G2 Basic 1.9kVA/IEC C20 Detachable 16A/120V Outlets (12) 5-20R/1U Horizontal NA/JP PDU	P9Q31A
	HPE G2 Basic 1.9kVA/IEC C20 Detachable 16A/120V Outlets (16) 5-20R/Vertical NA/JP PDU	P9Q32A
	HPE G2 Basic Modular 2.8kVA/L5-30P 24A/120V Outlets (6) IEC C19/1U Horizontal NA/JP PDU	P9Q33A
	HPE G2 Basic 2.8kVA/L5-30P 24A/120V Outlets (22) 5-20R/Vertical NA/JP PDU	P9Q34A
	HPE G2 Basic 2.8kVA/L5-30P 24A/120V Outlets (16) 5-20R/2U Horizontal NA/JP PDU	P9Q35A
NOTE: Models P9Q31A and P9Q32A include a C19 to NEMA 5-15 input power cord.		
200-240V Input, Single Phase, Worldwide		
	HPE G2 Basic Modular 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (2) C19/1U Horizontal WW PDU	P9Q36A
	HPE G2 Basic 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (12) C13/1U Horizontal WW PDU	P9Q37A
	HPE G2 Basic 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (20) C13 (2) C19/Vertical WW PDU	P9Q38A
	HPE G2 Basic 9.2kVA/50A Term Block 40A/208V Outlets (30) C13 (6) C19/Vertical WW PDU	P9Q49A
NOTE: Worldwide models do not include an input power cord. Please go to the Related Options section and select the appropriate input power cord for your geographic location.		
200-208V Input, Single Phase, North America/Japan		
	HPE G2 Basic Modular 4.9kVA/L6-30P 24A/208V Outlets (6) IEC C19/1U Horizontal	P9Q39A

Related Options

NA/JP PDU	
HPE G2 Basic 4.9kVA/L6-30P 24A/208V Outlets (12) C13/1U Horizontal NA/JP PDU	P9Q40A
HPE G2 Basic 4.9kVA/L6-30P 24A/208V Outlets (20) C13/Vertical NA/JP PDU	P9Q41A
HPE G2 Basic 4.9kVA/L6-30P 24A/208V Outlets (36) C13 (6) C19/Vertical NA/JP PDU	P9Q42A
HPE G2 Basic Modular 8.3kVA/CS8265C 40A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q47A
HPE G2 Basic 8.3kVA/CS8265C 40A/208V Outlets (30) C13 (6) C19/Vertical NA/JP PDU	P9Q48A
200-208V Input, Three Phase, North America/Japan	
HPE G2 Basic Modular 3Ph 8.6kVA/L15-30P 24A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q52A
HPE G2 Basic 3Ph 8.6kVA/L15-30P 24A/208V Outlets (18) C13/Vertical NA/JP PDU	P9Q54A
HPE G2 Basic 3Ph 8.6kVA/L21-30P 24A/208V Outlets (24) C13 (3) C19 (3) 5-20R/Vertical NA/JP PDU	P9Q55A
HPE G2 Basic 3Ph 8.6kVA/L15-30P 24A/208V Outlets (30) C13 (6) C19/Vertical NA/JP PDU	P9Q53A
HPE G2 Basic 3Ph 10kVA/CS8365C 28A/208V Outlets (36) C13 (6) C19/Vertical NA/JP PDU	P9Q56A
HPE G2 Basic Modular 3Ph 14.4kVA/CS8365C 40A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q59A
HPE G2 Basic Modular 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q60A
HPE G2 Basic 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (18) C13 (6) C19/Vertical NA/JP PDU	P9Q61A
HPE G2 Basic 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (36) C13 (12) C19/Vertical NA/JP PDU	P9Q62A

NOTE: Models P9Q61A and P9Q62A are double-sided models that have circuit breakers on the back side of the unit.

HPE Metered Power Distribution Unit

NOTE: HPE Monitored PDU's provide reliable power distribution within your rack combined with highly accurate power metering available for each power load segment. For more information, please review the [HPE Monitored PDU QuickSpecs](#).

HPE Monitored Power Distribution Unit: 1U Version

HPE Metered 2.8kVA/L5-30P 24A/120V Outlets (12) 5-20R/Horizontal NA/JP PDU	D9N43A
HPE Metered 3.6kVA/60320 C20 Detachable 16A/230V Outlets (12) C13/Horizontal WW PDU	D9N46A
HPE Metered 4.9kVA/L6-30P 24A/208V Outlets (12) C13/Horizontal NA/JP PDU	D9N44A

HPE Monitored Power Distribution Unit: Half Height Version

HPE Metered 3.6kVA/60320 C20 Detachable 16A/230V Outlets (16) C13/Vertical WW PDU	D9N45A
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HPE Monitored Power Distribution Unit: Mid Height Version

HPE Metered 4.9kVA/L6-30P 24A/208V Outlets (20) C13 (4) C19/Vertical NA/JP PDU	D9N47A
HPE Metered 3Ph 8.6kVA/L15-30P 24A/208V Outlets (18) C13 (3) C19/Vertical NA/JP PDU	D9N51A
HPE Metered 3Ph 8.6kVA/L21-30P 24A/120-208V Outlets (18) C13 (3) C19 (3) 5-20R/Vertical NA/JP PDU	D9N53A

HPE Monitored Power Distribution Unit: Full Height Version

HPE Metered 8.3kVA/CS8265C 40A/208V Outlets (30) C13 (3) C19/Vertical NA PDU	D9N49A
HPE Metered 3Ph 14.4kVA/CS8365C 40A/208V Outlets (12) C13 (12) C19/Vertical NA/JP PDU	D9N58A

Related Options

HPE Metered 3Ph 16.6kVA/60309 32A-30A 5-wire 24A/230V Outlets (30) C13 (3) C19/Vertical NA/JP PDU	D9N61A
HPE Metered 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (24) C13 (3) C19/Vertical NA/JP PDU	D9N54A
HPE Metered 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (12) C13 (12) C19/Vertical NA/JP PDU	D9N59A
HPE Metered 3Ph 16.6kVA/60309 32A-30A 5-wire 24A/230V Outlets (12) C13 (12) C19/Vertical NA/JP PDU	D9N62A
HPE Metered 3Ph 19.9kVA/L22-30P 24A/277V Outlets (30) RF-203P-HP/Vertical NA PDU	D9N63A

HPE Environmental Sensor for Remote Monitored PDUs

HP Environmental Sensor for Remote Monitored and Managed PDUs	E2D53A
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HPE Metered and Switched Power Distribution Unit

NOTE: HPE Managed PDU's provide reliable power distribution combined with highly accurate power metering and switching that provide you with the ability to monitor and control each outlet. For more information, please review the [HPE Managed PDU QuickSpecs](#).

100-120V Single Phase

HPE Metered Switched 2.8kVA/L5-30P 24A/120V Outlets (24) 5-20R /Vertical NA/JP PDU	H8B48A
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200-240V Single Phase

HPE Metered Switched 3.6kVA/60320 C20 Detachable 16A/230V Outlets (7) C13 (1) C19/Vertical WW PDU	H8B49A
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HPE Metered Switched 4.9kVA/L6-30P 24A/208V Outlets (20) C13 (4) C19/Vertical NA/JP PDU	H8B50A
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200-240V Three Phase

HPE Metered Switched 3Ph 8.6kVA/L15-30P 24A/208V Outlets (18) C13 (6) C19/Vertical NA/JP PDU	H8B52A
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HPE Metered Switched 3Ph 8.6kVA/L21-30P 24A/208V Outlets (20)C13 (3)C19 (1)5-20R/Vertical NA/JP PDU	H8B53A
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HPE Metered Switched 3Ph 14.4kVA/CS8365C 40A/208V Outlets (12) C13 (12) C19/Vertical NA/JP PDU	H8B55A
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HPE Metered Switched 3Ph 17.3kVA/60309 4-wire 48A/208V Outlets (12) C13 (12) C19/Vertical NA/JP PDU	H8B56A
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HPE Intelligent Power Distribution Unit (iPDU)

NOTE: HPE Intelligent PDU's deliver a unique set of capabilities that not only allow you to meter and switch individual outlets, but also communicate directly with each server to understand and track power usage, configuration, and redundancy information. For more information, please review the [HPE Intelligent Power PDU QuickSpecs](#).

HPE 6 Outlet Intelligent Power Distribution Unit Cores

HPE Intelligent Modular 4.9kVA/L6-30P 24A/208V Outlets (6) C19/Horizontal NA/JP PDU	AF520A
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HPE Intelligent Modular 8.3kVA/CS8265C 40A/208V Outlets (6) C19/Horizontal NA/JP PDU	AF521A
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HPE Intelligent Modular 3Ph 8.6kVA/L15-30P 24A/208V Outlets (6) C19/Horizontal NA/JP PDU	AF522A
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HPE Intelligent Modular 3Ph 14.4kVA/CS8365C 40A/208V Outlets (6) C19/Horizontal NA/JP PDU	AF533A
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HPE Intelligent Modular 3Ph 17.3kVA/60309 60A 4-wire 48A/208V (6) C19/Horizontal NA/JP PDU	AF523A
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HPE Intelligent Modular 3Ph 17.3kVA/60309 30A 5-wire 24A/240V (6) C19/Horizontal NA/JP PDU	AF901A
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HPE 12 Outlet Intelligent Power Distribution Unit Cores

HPE Intelligent Modular 3Ph 17.3kVA/IEC 60309 60A 4-wire 48A/208V (12)	AF535A
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Related Options

C19/Horizontal NA/JP PDU

HPE Intelligent Power Distribution Unit Extension Bar Kits

HPE 5xC13 Intelligent PDU Extension Bar G2 Kit

AF547A

NOTE: Intelligent Extensions Bars have individually monitored outlets that are also individually switchable for power cycling attached equipment. Each individual C13 outlet has Power Line Communications to support Intelligent Power Discovery when connected to PLC enabled common slot power supplies.

HPE 5xC13 Outlets Power and UID LEDs Pair Standard Extension Bar

AF528A

NOTE: Standard (non-intelligent) Extension Bars are monitored as a single load segment and do not support Intelligent Power Discovery (AF528A).

HPE R1500 G4

Uninterruptible Power Supply (UPS)

NOTE: Line Interactive Single Phase UPS that provides up to 1.5kVA in a 1U rack mount form factor.

HPE R1500 G4 NA Uninterruptible Power System

J2Q99A

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04155328>

HPE R/T2200 G4

Uninterruptible Power System (UPS)

NOTE: Line Interactive Single Phase UPS that provides up to 2.2kVA in a 2U rack mount form factor. System can be converted for either rack or tower use.

HPE R/T2200 G4 NA/JP Uninterruptible Power System

J2R00A

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04155328>

HPE R/T3000

G4 Uninterruptible Power System (UPS)

NOTE: Line Interactive Single Phase UPS that provides up to 3kVA in a 2U rack mount form factor. System can be converted for either rack or tower use.

HPE R/T3000 G4 Low Voltage NA/JP Uninterruptible Power System

J2R01A

HPE R/T3000 G4 High Voltage NA/JP Uninterruptible Power System

J2R02A

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04155328>

HPE R5000

Uninterruptible Power Systems (UPS)

NOTE: Line Interactive Single Phase UPS that provides up to 5kVA in a 3U rack mount form factor.

HPE R5000 3U L630 High Voltage NA/JP Uninterruptible Power System

AF460A

NOTE: Please see the QuickSpecs additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04155328>

HPE R7000

Uninterruptible Power Systems (UPS)

NOTE: Line Interactive Single Phase UPS that provides up to 7kVA in a 4U rack mount form factor.

HPE R7000 4U 50A High Voltage NA/JP Uninterruptible Power System

AF462A

NOTE: Please see the QuickSpecs additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04155328>

HPE Online On Demand 3 Phase

Uninterruptible Power Systems (UPS)

NOTE: Online On-Demand Three-Phase UPS solution that is scalable to 72kVA.

HPE R8000/3 8000kVA Three Phase NA 6U Rackmount Uninterruptible Power System

AF431A

HPE R12000/3 12000VA Three Phase NA 6U Rackmount Uninterruptible Power System

AF429A

NOTE: Please see the QuickSpecs additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04376694>

HPE DirectFlow 3 Phase Uninterruptible Power Systems (UPS)

NOTE: Enterprise level rack-based UPS that can provide up to 19.9kVA of power in as little as 5U of rack space.

1U UPS

HPE R12000 DirectFlow - 1U Rackmount Uninterruptible Power System

G9Y75A

HPE R12000 DirectFlow - POD 1U Rackmount Uninterruptible Power System

AF478A

Related Options

2U UPS

HPE R18000 DirectFlow - 2U Rackmount Uninterruptible Power System

AF479A

NOTE: Please see the QuickSpecs additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04376694>

HPE KVM Consoles

NOTE: The HPE LCD8500 1U Rackmount Console Kit is an ultra-dense, high-performance KVM console that combines a full 18.5-inch LCD monitor with keyboard and touch pad in a 1U form factor.

HPE LCD8500 1U Rackmount Console Kit Models

HP LCD8500 1U US Rackmount Console Kit

AF630A

HP LCD8500 1U US TAA Rackmount Console Kit

AF645A

KVM Switch Options

Simple to deploy and intuitive solution that allows you to access and manage servers across your entire network locally or remotely.

HPE Analog KVM Switches

HP 1x4 USB/PS2 KVM Console Switch

AF611A

HP 1x4 KVM Console 6ft PS2 Cable

AF612A

HP 1x4 KVM Console 6ft USB Cable

AF613A

NOTE: USB cable required for supporting USB peripherals.

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04164460>

HP 0x1x8 G3 KVM Console Switch

AF651A

HP 0x2x16 G3 KVM Console Switch

AF652A

HP KVM Console USB Interface Adapter

AF628A

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04123433>

HPE Analog KVM Switches with Virtual Media and CAC

HP 0x2x16 KVM Server Console Switch G2 with Virtual Media CAC Software

AF618A

HP 0x2x32 KVM Server Console Switch G2 with Virtual Media CAC Software

AF619A

HP KVM Console USB 2.0 Virtual Media CAC Interface Adapter

AF629A

HP KVM Console Serial/Power G2 Interface Adapter

AF625A

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04168373>

HPE Digital KVM Switches with Virtual Media and CAC

HP 1x1Ex8 KVM IP Console Switch G2 with Virtual Media CAC Software

AF620A

HP 2x1Ex16 KVM IP Console Switch G2 with Virtual Media CAC Software

AF621A

HP 4x1Ex32 KVM IP Console Switch G2 with Virtual Media CAC Software

AF622A

Interface Adapters

HP KVM Console USB Interface Adapter

AF628A

HP KVM CAT5 1-pack Serial Interface Adapter

373035-B21

NOTE: Please see the QuickSpecs for additional information:

<https://www.hpe.com/h20195/v2/GetHTML.aspx?docname=c04168374>

NOTE: Cat5e cables are required to connect Interface Adapters to Console Switches. Cat5e cables can be found at the following URL: <http://www.hpe.com/servers/kvm>

NOTE: For additional information regarding KVM console and switches and related options please see: <http://www.hpe.com/servers/kvm>

HPE Support Services

HPE Install Rack and Rack Options Service

U2871E

HPE Factory Express Services

HPE Hardware Customization Service

HA838A1

HPE 3rd Party Hardware Install Service

HA844A1

Related Options

HPE Customer Defined Rack Cable Labeling Service	HA850A1
HPE Customer Furnished Equipment Handling Service	HA851A1
HPE Custom Placement within Rack Service	HA864A1

NOTE: HPE Factory Express offers a full line of services. For more information visit <http://www.hpe.com/info/factoryexpress>

Technical Specifications

Understanding rack weights and loads

HPE Racks are designed to support high capacity weight loads that include the weight of the rack and all the equipment installed. All HPE racks are tested to provide the following maximum weight loads:

- **Shipping** - rack including shipping packaging and materials.
- **Static Load** – maximum loaded weight that a rack can support when stationary.
- **Dynamic Load (rolling)** – maximum loaded weight a rack can support when moved (or rolled).
- **Dynamic Load (Shipping/configured)** – maximum loaded weight a rack can support when shipped – this includes services such as HPE Factory Express.
- **Shipping – Max configured** – maximum loaded weight that a rack can support including rack and packaging.

HPE Racks are rated for Static Loads of up to 3000 lb. If you require a rack that can be moved or shipped while fully loaded with equipment, HPE Enterprise Series Racks can support a dynamic load (rolling and configured) weight capacity of up to 3000 lb.

HPE 42U 600mm x 1075mm Advanced Pallet Rack		H6J65A	TL253A (Includes side panels and baying.)
Dimensions (HxDxW)	Total Cabinet Area	78.97 x 44.30 x 23.54 in (200.60 x 112.52 x 59.78 cm)	
	Shipping	84.17 x 47.24 x 27.95 in (213.80 x 120.00 x 71.00 cm)	
Weight	Rack	233 lb (106 kg)	323.33 lb (146.66 kg)
	Shipping	266 lb (121 kg)	356.42 lb (161.67 kg)
Load	Static	3000 lb (1361 kg)	
	Dynamic (rolling)	2500 lb (1134 kg)	
	Dynamic (configured)	Not supported	
Color	Doors	Black with flush locking handle	
	Frame	Black	

HPE 42U 600mm x 1075mm Advanced Shock Rack		H6J66A	TL254A (Includes side panels and baying)
Dimensions (HxDxW)	Total Cabinet Area	78.97 x 44.30 x 23.54 in (200.60 x 112.52 x 59.78 cm)	
	Shipping	85.35 x 50.87 x 35.43 in (216.80 x 129.20 x 90.00 cm)	
Weight	Rack	233 lb (106 kg)	323.33 lb (146.66 kg)
	Shipping	446 lb (203 kg)	537.20 lb (243.668 kg)
	Max Shipping	2464 lb (1117.58 kg)	
Load	Static	3000 lb (1360.77 kg)	
	Dynamic (rolling)	2500 lb (1133.98 kg)	
	Dynamic (configured)	2250 lb (1020.58 kg)	
Color	Doors	Black with flush locking handle	
	Frame	Black	

HPE 42U 600mm x 1200mm Advanced Pallet Rack (H6J67A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 49.61 x 23.50 in (200.60 x 126.02 x 59.78 cm)
	Shipping	84.17 x 54.92 x 27.95 in (218.80 x 139.50 x 71.00 cm)
Weight	Rack	282 lb (128 kg)

Technical Specifications

Load	Shipping	320 lb (145 kg)
	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	Not supported
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 42U 600mm x 1200mm Advanced Shock Rack (H6J68A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 49.61 x 23.54 in (200.60 x 126.02 x 59.78 cm)
	Shipping	85.35 x 57.87 x 35.43 in (216.80 x 147.00 x 90.00 cm)
Weight	Rack	282 lb (128 kg)
	Shipping	507 lb (230 kg)
	Shipping - Max configured	2474 lb (1122.58 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
	Doors	Black with flush locking handle
Color	Frame	Black

HPE 48U 600mm x 1075mm Advanced Pallet Rack (H6J87A)

Dimensions (HxDxW)	Total Cabinet Area	90.39 x 43.63 x 23.54 in (229.58 x 110.82 x 59.78 cm)
	Shipping	96.46 x 47.24 x 27.95 in (245 x 120.00 x 71.00 cm)
Weight	Rack	256 lb (116 kg)
	Shipping	287 lb (130 kg)
	Static	3000 lb (1360.77 kg)
Load	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	Not supported
	Doors	Black with flush locking handle
Color	Frame	Black

HPE 48U 600mm x 1075mm Advanced Shock Rack (H6J88A)

Dimensions (HxDxW)	Total Cabinet Area	90.39 x 43.63 x 23.54 in (229.58 x 110.82 x 59.78 cm)
	Shipping (with packaging materials)	97.64 x 50.50.98 x 35.43 in (248 x 129.50 x 90.00 cm)
Weight	Rack	256 lb (116 kg)
	Shipping	467 lb (212 kg)
	Shipping - Max configured	2462 lb (1116.58 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
	Doors	Black with flush locking handle
Color	Frame	Black

HPE 36U 600mm x 1075mm Advanced Pallet Rack (H6J77A)

Technical Specifications

Dimensions (HxDxW)	Total Cabinet Area	68.66 x 42.72 x 23.54 in (174.39 x 108.52 x 59.78 cm)
	Shipping	84.17 x 47.24 x 27.95 in (213.80 x 120.00 x 71.00 cm)
Weight	Rack	205 lb (93 kg)
	Shipping	243 lb (110 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	Not supported
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 36U 600mm x 1075mm Advanced Shock Rack (H6J78A)

Dimensions (HxDxW)	Total Cabinet Area	68.66 x 42.72 x 23.50 in (174.39 x 108.521 x 59.78 cm)
	Shipping	85.35 x 50.87 x 35.43 in (216.80 x 129.20 x 90.00 cm)
Weight	Rack	205 lb (93 kg)
	Shipping	421 lb (191 kg)
	Shipping - Max configured	2466.05 lb (1118.58 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 22U 600mm x 1075mm Advanced Pallet Rack (H6J83A)

Dimensions (HxDxW)	Total Cabinet Area	43.64 x 44.30 x 23.54 in (110.84 x 112.52 x 59.78 cm)
	Shipping	50.79 x 47.24 x 27.95 in (129.00 x 120.00 x 71.00 cm)
Weight	Rack	203 lb (92 kg)
	Shipping	231 lb (105 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	Not supported
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 22U 600mm x 1075mm Advanced Shock Rack (H6J84A)

Dimensions (HxDxW)	Total Cabinet Area	43.64 x 44.30 x 23.54 in (110.84 x 112.52 x 59.78 cm)
	Shipping	59.49 x 50.87 x 35.43 in (151.00 x 129.20 x 90.00 cm)
Weight	Rack	203 lb (92 kg)
	Shipping	389 lb (176.5 kg)
	Shipping - Max configured	2436 lb (1105.08 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
Color	Doors	Black with flush locking handle
	Frame	Black

Technical Specifications

HPE 14U 600mm x 1075mm Advanced Shock Rack (H6J82A)

Dimensions (HxDxW)	Total Cabinet Area	28.60 x 43.63 x 23.74 in (72.65 x 110.82 x 60.30 cm)
	Shipping	35.75 x 50.87 x 35.43 in (90.80 x 129.20 x 90.00 cm)
Weight	Rack	180 lb (82 kg)
	Shipping	320 lb (145 kg)
	Shipping - Max configured	2388.89 lb (1083.58 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 42U 800mm x 1200mm Advanced Pallet Rack (H6J69A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 49.61 x 31.38 in (200.60 x 126.02 x 79.70 cm)
	Shipping	84.17 x 54.84 x 35.83 in (218.80 x 139.30 x 91.00 cm)
Weight	Rack	373 lb (169 kg)
	Shipping	428 lb (194kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	Not supported
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 42U 800mm x 1200mm Advanced Shock Rack (H6J70A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 49.61 x 31.38 in (200.60 x 126.02 x 79.70cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 43.43 in (216.80 x 147.00 x 110.3 cm)
Weight	Rack	373 lb (169 kg)
	Shipping	628 lb (285 kg)
	Shipping - Max configured	2506 lb (1136.58 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 42U 600mm x 1200mm Advanced Shock Network Rack (H6J72A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 49.61 x 23.54 in (200.60 x 126.02 x 59.78 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 35.43 in (216.80 x 147 x 90.00 cm)
Weight	Rack	287 lb (130 kg)
	Shipping	511 lb (232kg)
	Shipping - Max configured	2475 lb (1122.58kg)

Technical Specifications

Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
Color	Doors	Black with flush locking handle
	Frame	Black

HPE 42U 800mm x 1200mm Advanced Shock Network Rack (H6J74A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 49.61 x 31.38 in (200.60 x 126.02 x 79.70cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 43.43 in (216.80 x 147.00 x 110.3 cm)
Weight	Rack	373 lb (169 kg)
	Shipping	628 lb (285 kg)
	Shipping - Max configured	2506 lb (1136.58 kg)
Load	Static	3000 lb (1360.77 kg)
	Dynamic (rolling)	2500 lb (1133.98 kg)
	Dynamic (configured)	2250 lb (1020.58 kg)
Color	Doors	Black with flush locking handle
	Frame	Black

Environment-friendly Products and Approach	End-of-life Management and Recycling	Hewlett Packard Enterprise offers end-of-life product return, trade-in, and recycling programs, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.
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<http://www.hpe.com/recycle>

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise web site. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

<http://www.hpe.com/recycle>

Summary of Changes

Date	Version History	Action	Description of Change
12-Jun-2017	From Version 12 to 13	Changed	Changes made throughout the QuickSpecs.
13-Feb-2017	From Version 11 to 12	Changed	Service and Support and Related Options were revised.
26-Oct-2016	From Version 10 to 11	Changed	QuickSpecs was rebranded.
17-Aug-2015	From Version 9 to 10	Changed	Content changed throughout the entire QuickSpecs. Note the title was changed to HPE Advanced Series Racks.
10-Jun-2015	From Version 8 to 9	Added	Note was added to the HP Rack Fan Kits section.
01-Jun-2015	From Version 7 to 8	Added	Added part numbers TL253A and TL253A.
		Changed	Changed What's New section to read: HPE 11642 1075mm Kitted Pallet Rack with Side Panels and Baying (TL253A) HPE 11642 1075mm Kitted Shock Rack with Side Panels and Baying (TL253A) HPE 48U Location Discovery Kit (F9V74A) Service and Support, Related Options, and Technical Specifications were revised.
		Removed	HPE Keyboard and Monitors section was removed.
30-Mar-2015	From Version 6 to 7	Added	HPE 600mm Rack Tie Down Kit and HPE 800mm Rack Tie Down Kit were added to Related Options.
09-Feb-2015	From Version 5 to 6	Added	Changed What's New to: HPE Rack LED Light Kit (BW939A) Added HPE Rack LED Light to Related Options Section.
		Changed	Models, Service and Support, and Related Options sections were revised.
18-Feb-2014	From Version 4 to 5	Changed	Changed What's New to: 11648 48U 1075mm deep racks 11842 42U 1200mm deep wide racks 11642 and 11842 1200mm deep network racks
09-Dec-2013	From Version 3 to 4	Changed	Product descriptions were changed throughout Related Options. Other changes made to the Overview and Technical Specifications sections.
30-Sep-2013	From Version 2 to 3	Changed	Product descriptions were changed throughout Related Options. 11647 G2 1075mm Pallet and Shock Universal Racks and 11622 G2 1075mm Pallet and Shock Universal Racks were added. HPE Rack Shelves, HPE Rack Top Cable Trays, HPE Rack Fan Kits, and HPE Adjustable Rails were added to Related Options.
04-Sep-2013	From Version 1 to 2	Changed	Correction was made to the title.

Summary of Changes



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