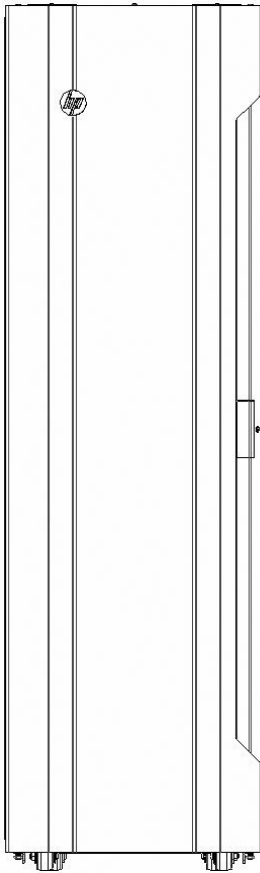


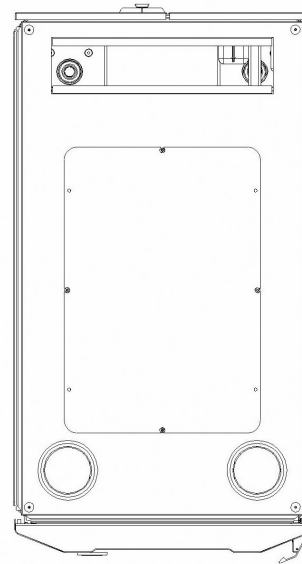
Overview

The HP Intelligent Series Rack family is the next generation of enterprise-class racks designed to meet the current and future requirements of demanding datacenters. It offers innovative intelligence capabilities for asset management, unparalleled structural integrity, cooling and cable management advances, and a wide choice of power and switching options.

The HP Intelligent Series is the first rack family to offer optional location discovery intelligence for advanced asset management. This new capability integrates with HP Lights-Out Management (iLO) and HP Intelligent Power Distribution Units (iPDU) to communicate to the datacenter manager the U space, row, and rack location of each server and also helps to manage and place the desired workload by carefully mapping current demands and available resources.



HP Intelligent Series Rack - front view



HP Intelligent Series Rack - top view

What's New

- HP now has selected models of the Intelligent Series racks available in the new light grey color to compliment any data center environment.

Overview

At a Glance

- The HP Intelligent Series Rack is an universal rack compatible with all HP rack mounted products including ProLiant, Integrity, Nonstop servers, Networking and as well as Storage products. This effort simplifies the HP rack product line by consolidating all previous rack offerings into a single universal rack for all HP server and storage platforms. The HP Intelligent Series Rack also offers many improvements over the HP Rack 10000 G2 Series racks:
 - 6 castors on 1200mm deep models supports highest dynamic load up to 3000lbs
 - Front door with updated design to provide the maximum airflow
 - Front and rear door handles and lock bars for improved security
 - Side panels come in 3 parts for easier manageability and mounting
 - Cable management accessories and cable management bracket in every Intelligent Series rack.
 - Improved CTO pallet for increased load capacity
- Three year limited warranty, parts only (3/0/0)

Models

HP Intelligent Series Rack

HP 636 1075mm Pallet Intelligent Series Rack	BW895A
HP 636 1075mm Shock Intelligent Series Rack	BW896A
HP 636 1075mm Crate Intelligent Series Rack	BW897A
HP 636 1200mm Pallet Intelligent Series Rack	BW899A
HP 636 1200mm Shock Intelligent Series Rack	BW900A
HP 642 1075mm Pallet Intelligent Series Rack	BW903A
HP 642 1075mm Shock Intelligent Series Rack	BW904A
HP 642 1075mm Crate Intelligent Series Rack	BW905A
HP 642 1200mm Pallet Intelligent Series Rack	BW907A
HP 642 1200mm Shock Intelligent Series Rack	BW908A
HP 642 Intelligent Series Air Duct Rack	BW910A
HP 642 1200mm Shock Intelligent Network Series Rack	BW966A
HP 647 1075mm Pallet Intelligent Series Rack	BW911A
HP 647 1075mm Shock Intelligent Series Rack	BW912A
HP 647 1200mm Pallet Intelligent Series Rack	BW913A
HP 647 1200mm Shock Intelligent Series Rack	BW914A
HP 647 Intelligent Series Air Duct Rack	BW936A
HP 842 1075mm Pallet Intelligent Series Rack	BW917A
HP 842 1075mm Shock Intelligent Series Rack	BW918A
HP 842 1200mm Pallet Intelligent Series Rack	BW919A
HP 842 1200mm Shock Intelligent Series Rack	BW920A
HP 842 1200mm Shock Intelligent Network Series Rack	BW968A

HP Grey Intelligent Series Rack

HP 642 1200mm Shock Grey Intelligent Series Rack	TK756A
HP 642 1200mm Grey Intelligent Air Duct Rack	TK766A
HP 647 1200mm Shock Grey Intelligent Series Rack	TK757A
HP 647 1200mm Grey Intelligent Air Duct Rack	TK767A
HP 842 1200mm Shock Grey Intelligent Series Rack	TK760A
HP 842 1200mm Shock Grey Intelligent Network Rack	TK772A

Standard Features

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

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

Intelligent Air Duct Racks HP Intelligent Air Duct Racks work with the HP Rack Air Duct Kit to direct hot exhaust air from the rear of the rack to air returns in the ceiling. These racks are perfect for racks up to 14kW where the mixing of hot and cold air in the datacenter needs to be eliminated to improve efficiency without the cost of additional fans.

EIA The HP Intelligent Series Rack conforms to EIA-310D Type A cabinet per section 4.1.1

UL/CES Certification Yes

WEEE Yes

RoHS compliant Yes

Innovative Breakthroughs

- OPEX saving as HP has 81% total open area on HP rack front doors. More than anyone in the industry
- Up to 3000 lbs of dynamic loading
- Compatible with HP Location Discovery Services

Service and Support

Service and Support

HP Technology Services

HP Technology Services offers you technical consultants and support expertise to solve your most complex infrastructure problems. We help keep your business running, boost availability, and avoid downtime.

Protect your business beyond warranty with HP Care Pack Services

When you buy HP Options, it's also a good time to think about what level of service you may need. HP Care Pack services provide total care and support expertise with committed response choices designed to meet your IT and business need.

HP Foundation Care services deliver scalable support-packages for HP industry-standard servers and software. You can choose the type and level of service that is most suitable for your business needs. New to this portfolio is HP Collaborative Support. If you are running business critical environments, HP offers Proactive Care or Critical Advantage. These services help you deliver high levels of application availability through proactive service management and advanced technical response.

Here is the support service recommendation from the Foundation Care and Proactive Care portfolio. For customized support service solution, HP can work with you to tailor a service solution for your unique support requirements using broader services portfolio of Foundation Care and Proactive Care.

Recommended HP Care Pack Services for optimal satisfaction with your HP product

Recommended Services

3-Year HP 24x7 4 hour Response, Hardware Support Onsite Service

Provides you with rapid remote support and if required an HP authorized representative who will arrive on site any time and day of the year to begin hardware maintenance service within 4 hours of the service request being logged.

<http://h20195.www2.hp.com/V2/GetPDF.aspx/5982-6547EEE.pdf>

OR

3-Year HP 24x7 4 hour Response, HP Collaborative Support

Offers customers a single point of contact for server problem diagnosis, hardware problem resolution, and basic software problem diagnosis, fault isolation, and resolution if available to HP. If the problem is with HP HW, the representative will arrive on site any time and day of the year to begin hardware maintenance service within 4 hours of the service request being logged. In case, the issue is with HP or supported third-party software product and cannot be resolved by applying known fixes, HP will contact the third-party vendor and create a problem incident on your behalf.

HP ProLiant Server Hardware Installation

Provides for the basic hardware installation of HP branded servers, storage devices and networking options to assist you in bringing your new hardware into operation in a timely and professional manner.

<http://h20195.www2.hp.com/V2/GetPDF.aspx/5981-9356EN.pdf>

Service and Support

Related HP Care Pack Services to enhance your HP product experience

Related Services

3-Year HP 24x7 4 hour Response, Proactive Care or Critical Advantage

Helps optimize your systems and delivers high levels of application availability through proactive service management and advanced technical response. A skilled Technical Manager will own your query or issue end to end until resolved, delivering a single point of contact for you

<http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-2140ENW.pdf>

OR

3-Year HP 6-hour Onsite Call-to-Repair, HP Collaborative Support

Offers customers a single point of contact for server problem diagnosis, hardware problem resolution to return the hardware in operating condition within 6 hours of the initial service request to the HP Global Solution Center, and basic software problem diagnosis, fault isolation, and resolution if available to HP. In case, the issue is with HP or supported third-party software product and cannot be resolved by applying known fixes, HP will contact the third-party vendor and create a problem incident on your behalf.

HP Proactive Select Service

Provides a flexible way to purchase HP best-in-class consultancy and technical services. You can buy Proactive Select Service Credits when you purchase your hardware and then use the credits over the next 12 months.

<http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-3842ENN.pdf>

Insight Remote Support

Provides 24 X 7 remote monitoring, proactive notifications, and problem resolution. Learn more

<http://www.hp.com/go/insightremotesupport>

HP Support Center

Personalized online support portal with access to information, tools and experts to support HP business products. Submit support cases online, chat with HP experts, access support resources or collaborate with peers. Learn more <http://www.hp.com/go/hpsc>

HP's Support Center Mobile App* allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime.

HP Insight Remote Support and HP Support Center are available at no additional cost with a HP warranty, HP Care Pack or HP contractual support agreement.

*HP Support Center Mobile App is subject to local availability

Service and Support

Parts and materials

HP will provide HP-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements. Supplies and consumable parts will not be provided as part of this service; standard warranty terms and conditions apply. Parts and components that have exceeded their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual or the technical product data sheet will not be provided, repaired or replaced as part of this service.

Warranty / Service Coverage

For ProLiant servers and storage systems, this service covers HP-branded hardware options qualified for the server, purchased at the same time or afterward, internal to the enclosure, as well as external monitors up to 22" and tower UPS products; these items 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. Coverage of the UPS battery is not included; standard warranty terms and conditions apply.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by HP due to malfunction. It does not apply to any exchange of Disk or SSD/Flash Drives that have not failed. SSD/Flash Drives that are specified by HP as consumable parts and/or that have exceeded maximum supported lifetime and/or the maximum usage limit as set forth in the manufacturer's operating manual or the technical data sheet are not eligible for the defective media retention service feature option.

For more information

To learn more on services for HP ESSN Options, please contact your HP sales representative or HP Authorized Channel Partner. Or visit: <http://www.hp.com/go/HPQO>

Related Options

Several options allow for quick and easy expansion of the HP Intelligent Series Racks to create a custom solution.

NOTE: This is only a sampling of the many HP Rack options available. See the HP rack products Web site for more complete information at: <http://www.hp.com/products/rackoptions>. Contact your nearest HP Authorized Reseller or Service Provider for information about ordering HP parts. In the United States, HP can make arrangements to have your rack system installed by qualified Guaranteed Service Providers. This installation service covers the entire hardware installation sequence, from unpacking the components to routing cabling and running a test of the system.

HP Location Discovery Kits	HP 36U Location Discovery Kit	BW945A
	HP 42U Location Discovery Kit	BW946A
	HP 47U Location Discovery Kit	BW947A
	HP 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.	
	NOTE: Contact covers protect Location Discovery strip contacts in unused rack U space locations. Each Contact Cover Kit contains 25 covers.	
	NOTE: For additional information on HP Discovery Services please go to www.hp.com/go/discoveryservices	
<hr/>		
HP Baying Kits	HP Rack Baying Kit	BW902A
	NOTE: This kit can be used to connect HP racks of the same U height and depth together.	
	HP 1075-1200mm Offset Baying Kit	BW941A
	NOTE: This kit can be used to connect 1075mm to 1200mm racks of the same U height.	
	HP 1M-1075mm Offset Baying Kit	BW952A
	NOTE: This kit can be used to connect 1075mm 11000 G2 Series or Intelligent Series racks of the same U height to HP 10000 G2 Series 1000mm depth racks.	
<hr/>		
HP Airflow Optimization	HP Rack Airflow Optimization Kit	AF090A
	NOTE: The Airflow Optimization kit seals the gap between bayed racks 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 Factory Express, a Rack Optimization kit will automatically ship with the rack. This kit is recommended for all other bayed rack configurations also.	

Related Options

HP Sidewall Panel Kits	HP 42U 1075mm Side Panel Kit	BW906A
	HP 42U 1200mm Side Panel Kit	BW909A
	HP 42U 1200mm Grey Side Panel Kit	TK764A
	HP 47U 1075mm Side Panel Kit	BW915A
	HP 47U 1200mm Side Panel Kit	BW916A
	HP 47U 1200mm Grey Side Panel Kit	TK765A
	HP 36U 1075mm Side Panel Kit	BW898A
	HP 36U 1200mm Side Panel Kit	BW901A

NOTE: The lightweight, locking side panels for the Intelligent Series racks come in 3 sections for better handling

HP Rack Stabilization Kits	HP 600mm Rack Stabilizer Kit	BW932A
	HP 600mm Heavy Duty V2 Stabilizer Kit	BW961A
	HP 800mm Rack Stabilizer Kit	BW933A
	HP 9000 and 10000 Rack Ballast Kit	120672-B21

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 used when a single racked component exceeds 200 lbs.

NOTE: The Ballast Option 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 HP 11000 G2 and Intelligent Series racks.

HP Tie Down Kit	HP 600m Rack Tie Down Kit	BW926A
	HP 800mm Rack Tie Down Kit	BW927A

NOTE: For HP Intelligent Series 600mm wide rack only. The tie down kit is used to secure the rack to the datacenter floor for seismic anchoring.

NOTE: For HP Intelligent Series 800mm wide rack only. The tie down kit is used to secure the rack to the datacenter floor for seismic anchoring.

HP Universal 1U Filler Panels	HP 1U 10-pack Carbon Universal Filler Panel	BW928A
	HP 1U 100-pack Carbon 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.

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

HP Rack Shelves	HP 10000 Rack 1U Monitor Utility Shelf	253449-B21
	HP 100kg Sliding Shelf	234672-B21

Related Options

HP Locking Drawer	HP 2U Universal Locking Drawer NOTE: This product mounts on HP 10000, 11000 G2, and Intelligent 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. NOTE: OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.	361591-B21
HP Cable Management Kits	HP Quarter Turn Hook and Loop 10 Pack Kit HP Quarter Turn Hook and Loop 100 Pack Kit NOTE: Quarter turn hook and loop straps attach to the accessory bracket in the rear of the rack without tools. NOTE: OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated. Compaq Cable Management D Rings HP Rack Cable Management Velcro Clips HP Rack Cable Management Kit NOTE: The HP Rack Cable Management Kit includes a 1U and 2U front cable entry panel with brush inserts, 2x crossover cable brackets, 10x D-rings, 10x 8 inch hook and loop straps, 10x 10 inch hook and loop straps, mounting hardware	BW963A BW964A 168233-B21 379820-B21 AF099A
HP Rack Top Cable Trays	HP 600 Wide Rack Top Cable Tray HP 800 Wide Rack Top Cable Tray HP Rack Top Cable Mgmt Transfer Tray NOTE: HP Rack Top Cable Tray connects two aisles of racks with HP Rack Top Cable Trays to run overhead cables	383982-B21 383983-B21 383984-B21
HP Rack Top Fan kits	HP 10000 Rack Roof Mount Fan (110V) Kit HP 10000 Rack Roof Mount Fan (220V) Kit	257413-B21 257414-B21

Related Options

HP Grounding Kit	HP Rack Grounding Kit NOTE: OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.	BW891A
HP Rack Air Duct Kits	HP Air Duct Kit HP Grey Air Duct Kit NOTE: HP Rack Air Duct kits channel hot exhaust air from the rear of the rack directly in to ceiling return plenums (hot air returns) to eliminate air mixing in the datacenter and increase cooling efficiency. The HP Rack Air Duct kit is compatible with HP Intelligent Air Duct Racks BW910A, BW936A, TK766A, and TK767A. The HP Rack Air Duct Kit is adjustable for ceilings from 38.75 inches to 69 inches (98.5 cm to 175 cm) above top of HP Intelligent Air Duct Rack.	BW937A TK770A
HP Hardware Kit	HP Rack Hardware Kit NOTE: The HP Rack Hardware Kit includes 24x M6 cage nuts, 24x M6x16 T25 screws, 10x 5mm thread clip nuts, 10x 6mm thread clip nuts, cage nut tool, and 5x Quarter turn hook and loop straps.	H6J85A
HP Adjustable Rails	Depth Adjustable Fixed Rail Kit	332558-B21
HP Rack Branding Kit	HP Custom Door Branding Kit	BW935A
HP Intelligent Series Door	HP 42U Front Door Kit NOTE: Doors are included in all HP Intelligent Series racks. Intelligent Series Rack doors are made available for customers that wish to replace a 10000 G2 or 11000 G2 Series door with the Intelligent Series rack door for uniformity of appearance in the datacenter.	BW934A
HP Keyboard and Monitors	HP TFT7600 G2 KVM Console and Monitor (TFT7600 G2) HP TFT7600 G2 KVM Console Rackmount Keyboard US Monitor HP TFT7600 G2 KVM Console Rackmount Keyboard US TAA Monitor	AZ870A AZ885A

Related Options

HP Basic Distribution Units (bPDU)

HP Basic Power Distribution Unit: 1U/0U Version

HP 1.9kVA 120 Volt 12 Outlet NA/JP Basic Power Distribution Unit	H5M54A
HP 3.6kVA 200-240 Volt 12 Outlet WW Basic Power Distribution Unit	H5M56A

HP Basic Power Distribution Unit: Half Height Version

HP 2.8kVA 120 Volt 18 Outlet NA/JP Basic Power Distribution Unit	H5M55A
HP 3.6kVA 200-240 Volt 20 Outlet WW Basic Power Distribution Unit	H5M57A
HP 4.9kVA 208 Volt 20 Outlet NA/JP Basic Power Distribution Unit	H5M58A
HP 8.6kVA 208 Volt Three Phase 18 Outlet NA/JP Basic Power Distribution Unit	H5M61A

HP Basic Power Distribution Unit: Mid Height Version

HP 4.9kVA 208 Volt 30 Outlet NA/JP Basic Power Distribution Unit	H5M59A
HP 8.3kVA 208 Volt 36 Outlet NA/JP Basic Power Distribution Unit	H5M60A
HP Hardwired 200-240 Volt 36 Outlet WW Basic Power Distribution Unit	H5M75A
HP 5.7kVA 208 Volt Three Phase 27 Outlet NA/JP Dual Voltage Basic Power Distribution Unit	H5M63A
HP 8.6kVA 208 Volt Three Phase 30 Outlet NA/JP Dual Voltage Basic Power Distribution Unit	H5M64A

HP 8.6kVA 208 Volt Three Phase 30 Outlet NA/JP Basic Power Distribution Unit	H5M62A
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HP Basic Power Distribution Unit: Full Height Version

HP 11kVA 400 Volt Three Phase 42 Outlet NA Basic Power Distribution Unit	H5M67A
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HP Basic Power Distribution Unit: 480/277 Volt Version

HP 13.2kVA 480 Volt Three Phase 15 Outlet NA Basic Power Distribution Unit	H3X07A
HP 19.9kVA 480 Volt Three Phase 30 Outlet NA Basic Power Distribution Unit	H3X08A

NOTE: Additional HP Power Distribution Units are available. For a complete list of all HP PDUs and additional information: please visit www.hp.com/go/pdu

HP Remote Monitoring Power Distribution Units (mPDU)

HP Remote Monitored Power Distribution Unit: 1U Version

HP 2.8kVA 120 Volt 12 Outlet NA/JP Monitored Power Distribution Unit	D9N43A
HP 3.6kVA 200-240 Volt 12 Outlet WW Monitored Power Distribution Unit	D9N46A
HP 4.9kVA 208 Volt 12 Outlet NA/JP Monitored Power Distribution Unit	D9N44A

HP Remote Monitored Power Distribution Unit: Half Height Version

HP 3.6kVA 200-240 Volt 16 Outlet WW Monitored Power Distribution Unit	D9N45A
HP Remote Monitored Power Distribution Unit: Mid Height Version	D9N47A
HP 4.9kVA 208 Volt 24 Outlet NA/JP Monitored Power Distribution Unit	D9N48A

HP 8.6kVA 208 Volt Three Phase 21 Outlet NA/JP Monitored Power Distribution Unit

HP 5.7kVA 208 Volt Three Phase 21 Outlet NA/JP Dual Voltage Monitored Power Distribution Unit	D9N52A
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HP 8.6kVA 208 Volt Three Phase 24 Outlet NA/JP Dual Voltage Monitored Power Distribution Unit	D9N53A
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HP Remote Monitored Power Distribution Unit: Full Height Version

HP 8.3kVA 208 Volt 33 Outlet NA Monitored Power Distribution Unit	D9N49A
HP 14.4kVA 208 Volt Three Phase 24 Outlet NA Monitored Power Distribution Unit	D9N58A

Related Options

HP 16.6kVA 400 Volt Three Phase 33 Outlet NA Monitored Power Distribution Unit	D9N61A
HP 17.3kVA 208 Volt Three Phase 27 Outlet NA/JP Monitored Power Distribution Unit	D9N54A
HP 17.3kVA 208 Volt Three Phase 24 Outlet NA/JP Monitored Power Distribution Unit	D9N59A
HP 16.6kVA 400 Volt Three Phase 24 Outlet NA Monitored Power Distribution Unit	D9N62A
HP 19.9kVA 480 Volt Three Phase 30 Outlet NA Monitored Power Distribution Unit	D9N63A
HP Environmental Sensor for Remote Monitored PDUs	
HP Environmental Sensor for Remote Monitored PDUs	E2D53A
NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14669_na/14669_na.html	

HP Intelligent Power Distribution Unit (iPDU)

HP 6 Outlet Intelligent Power Distribution Unit Cores

HP 4.9kVA 24A Single Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF520A
HP 8.3kVA 40A Single Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF521A
HP 8.6kVA 24A Three Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF522A
HP 14.4kVA 40A Three Phase NA/JP Intelligent Modular Power Distribution Unit	AF533A
HP 17.3kVA 48A Three Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF523A
HP 11.4kVA 16A 415V Three Phase L22-20 NA Core Intelligent Power Distribution Unit	AF900A
HP 17.3kVA 24A 415V Three Phase L22-30 NA Core Intelligent Power Distribution Unit	AF902A
HP 17.3kVA 24A 415V Three Phase IEC309 NA Core Intelligent Power Distribution Unit	AF901A

HP 12 Outlet Intelligent Power Distribution Unit Cores

HP 17.3kVA 48A 208V Three Phase 12 Outlet Core NA/JP Intelligent Power Distribution Unit	AF535A
HP 17.3kVA 24A 415V Three Phase 12 Outlet Core NA/JP Intelligent Power Distribution Unit	AF537A

HP Intelligent Power Distribution Unit Extension Bar Kits

HP 5x13 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.	
HP 5x13 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	
NOTE: Additional HP Power Distribution Units are available. For a complete list of all HP PDUs and additional information: please visit www.hp.com/go/pdu	

HP R1500 G3 Uninterruptible Power Supply (UPS)

HP R1.5kVA G3 1U NA Uninterruptible Power System	AF469A
NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14059_na/14059_na.html	

Related Options

HP R/T3000 G2 Uninterruptible Power System (UPS)	HP R/T3000 G2 2U L530 Low Voltage NA/JP Uninterruptible Power System	AF466A
	HP R/T3000 G2 2U L620 High Voltage NA/JP Uninterruptible Power System NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14058_na/14058_na.html	AF467A
HP R5000 Uninterruptible Power Systems (UPS)	HP R5KVA 3U L630 High Voltage NA/JP Uninterruptible Power System	AF460A
	NOTE: Please see the QuickSpecs additional information: http://h18000.www1.hp.com/products/quickspecs/14109_na/14109_na.html	
HP R7000 Uninterruptible Power Systems (UPS)	HP R7KVA 4U 50A High Voltage NA/JP Uninterruptible Power System	AF462A
	NOTE: Please see the QuickSpecs additional information: http://h18000.www1.hp.com/products/quickspecs/14110_na/14110_na.html	
HP R12000/3 3 Phase Uninterruptible Power Systems (UPS)	HP R12000/3 12000VA Three Phase NA 6U Rackmount Uninterruptible Power System	AF429A
	NOTE: Please see the QuickSpecs additional information: http://h18000.www1.hp.com/products/quickspecs/12857_na/12857_na.html	
HP 1x4 Console Switch	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: http://h18000.www1.hp.com/products/quickspecs/12662_na/12662_na.html	
HP KVM Switch Options	HP Server Console Switches	
	HP Server Console 0x2x8 Port Analog Switch	AF616A
	HP Server Console 0x2x16 Port Analog Switch	AF617A
	HP TAA 0x2x16xKVM Server Console G2 Switch	AF626A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/11834_na/11834_na.html	
	HP Server Console Switch G2 with Virtual Media & 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 PS2/USB Virtual Media CAC Interface Adapter	AF624A
	NOTE: Requires PS/2 mouse and keyboard connections and one USB port on server.	
HP KVM Console USB Virtual Media CAC Interface Adapter	AF623A	
HP KVM Console Serial/Power G2 Interface Adapter	AF625A	
NOTE: VT100 True Serial. NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/13475_na/13475_na.html		

Related Options

HP IP Console Switch G2 with Virtual Media & 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 CAT5 1-pack PS/2 Interface Adapter	262588-B21
HP KVM CAT5 8-pack PS/2 Interface Adapter	262587-B21
HP KVM CAT5 1-pack USB Interface Adapter	336047-B21
HP KVM CAT5 1-pack Serial Interface Adapter	373035-B21

NOTE: Please see the QuickSpecs for additional information:

http://h18000.www1.hp.com/products/quickspecs/13474_na/13474_na.html

NOTE: Cat5e cables are required to connect Interface Adapters to Console Switches.

Cat5e cables can be found at the following URL: <http://www.hp.com/go/kvm>.

NOTE: For additional information regarding KVM switches, Serial Console servers, rack mount monitors, keyboards and all related options please see the following URL:

<http://www.hp.com/go/kvm>.

HP Care Pack Services	HP Install Rack and Rack Options Service	U2871E
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HP Factory Express Services	HP Factory Express HW System Custom Service	HA838A1
	HP 3rd Party Component Install Service	HA844A1
	HP Cable Management-label Rack Service	HA850A1
	HP 3rd Party Drop in the Box Service	HA851A1
	HP Custom Placement within Rack Service	HA864A1

NOTE: HP Factory Express offers a full line of services. For more information visit www.hp.com/go/factoryexpress

Technical Specifications

HP 642 1075mm Pallet Intelligent Series Rack (BW903A)

Dimensions (HxDxW)	Total Cabinet Area	79.00 x 44.30 x 23.54 in (200.66 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	84.17 x 47.24 x 27.95 in (213.80 x 120.00 x 71.00 cm)
Weight	Operating	239 lb (109 kg)
	Shipping	275 lb (125 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 642 1075mm Shock Intelligent Series Rack (BW904A)

Dimensions (HxDxW)	Total Cabinet Area	79.00 x 44.30 x 23.54 in (200.66 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	85.35 x 50.87 x 35.43 in (216.80 x 129.20 x 90 cm)
Weight	Operating	243 lb (110 kg)
	Shipping	451 lb (205 kg)
Load	Shipping - Max CTO	2708 lb (1228.33 kg)
	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
Color	Dynamic CTO***	2500 lb (1134 kg)
	Doors	Black with Silver extrusion
	Frame	Black

HP 642 1075mm Crate Intelligent Series Rack (BW905A)

Dimensions (HxDxW)	Total Cabinet Area	79.00 x 44.30 x 23.54 in (200.66 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	83.00 x 46.50 x 32.00 in (210.82 x 118.10 x 81.28 cm)
Weight	Operating	239 lb (109 kg)
	Shipping	328 lb (149 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 642 1200mm Pallet Intelligent Series Rack (BW907A)

Dimensions (HxDxW)	Total Cabinet Area	79.00 x 51.19 x 23.54 in (200.66 x 130.02x 59.79 cm)
	Shipping (with packaging materials)	84.65 x 52.92 x 27.95 in (215.00 x 139.50x 71.00 cm)
Weight	Operating	301 lb (137 kg)
	Shipping	339 lb (154 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 642 1200mm Shock Intelligent Series Rack (BW908A and TK756A)

Dimensions (HxDxW)	Total Cabinet Area	79.00 x 51.19 x 23.54 in (200.66 x 130.02x 59.79 cm)
	Shipping (with packaging materials)	85.82 x 57.87 x 35.43 in (218.00 x 147.00 x 90 cm)
Weight	Operating	301 lb (137 kg)
	Shipping	531 lb (241 kg)
Load	Shipping - Max CTO	3220 lb (1460.57 kg)
	Static*	3000 lb (1360.78 kg)
	Dynamic**	3000 lb (1360.78 kg)
Color	Dynamic CTO***	3000 lb (1360.78 kg)
	Doors (BW908A)	Black with Silver extrusion
	Doors (TK756A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW908A)	Black
	Frame (TK756A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

Technical Specifications

HP 647 1075mm Pallet Intelligent Series Rack (BW911A)

Dimensions (HxDxW)	Total Cabinet Area	88.53 x 44.30 x 23.54 in (224.87 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	94.49 x 47.24 x 27.95 in (240.00 x 120.00x 71.00 cm)
Weight	Operating	264 lb (120 kg)
	Shipping	304 lb (138 kg)
Load	Static*	3000 lb (1360.78 kg)
	Dynamic**	2500 lb (1133.98 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 647 1075mm Shock Intelligent Series Rack (BW912A)

Dimensions (HxDxW)	Total Cabinet Area	88.53 x 44.30 x 23.54 in (224.87 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	95.67 x 50.98 x 35.43 in (243.00 x 129.50 x 90 cm)
Weight	Operating	271 lb (123 kg)
	Shipping	483 lb (220 kg)
Load	Shipping - Max CTO	2712 lb (1230.14 kg)
	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
Color	Dynamic CTO***	2500 lb (1134 kg)
	Doors	Black with Silver extrusion
	Frame	Black

HP 647 1200mm Pallet Intelligent Series Rack (BW913A)

Dimensions (HxDxW)	Total Cabinet Area	88.53 x 51.19 x 23.54 in (224.87 x 130.02 x 59.79 cm)
	Shipping (with packaging materials)	94.49 x 54.92 x 27.95 in (240.00 x 133.60 x 71.00 cm)
Weight	Operating	321 lb (146 kg)
	Shipping	359 lb (163 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 647 1200mm Shock Intelligent Series Rack (BW914A and TK757A)

Dimensions (HxDxW)	Total Cabinet Area	88.53 x 51.19 x 23.54 in (224.87 x 130.02 x 59.79 cm)
	Shipping (with packaging materials)	95.28 x 57.87 x 35.43 in (242.00 x 147.00 x 90 cm)
Weight	Operating	321 lb (146 kg)
	Shipping	560 lb (255 kg)
	Shipping - Max CTO	3239 lb (1469.19 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	Doors (BW914A)	Black with Silver extrusion
	Doors (TK757A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW914A)	Black
	Frame (TK757A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 636 1075mm Pallet Intelligent Series Rack (BW895A)

Dimensions (HxDxW)	Total Cabinet Area	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	Shipping (with packaging materials)	74.02 x 47.24 x 27.95 in (188.00 x 120.00 x 71.00 cm)
Weight	Operating	214 lb (97 kg)
	Shipping	250 lb (114kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 636 1075mm Shock Intelligent Series Rack (BW896A)

Dimensions (HxDxW)	Total Cabinet Area	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	Shipping (with packaging materials)	75.20 x 50.87 x 35.43 in (191.00 x 129.20 x 90.00 cm)
Weight	Operating	214 lb (97 kg)
	Shipping	428 lb (195 kg)
	Shipping - Max CTO	2708 lb (1228.33 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500lb (1134 kg)
	Dynamic CTO***	2500lb (1134 kg)
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 636 1075mm Crate Intelligent Series Rack (BW897A)

Dimensions (HxDxW)	Total Cabinet Area	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	Shipping (with packaging materials)	72.52 x 46.50 x 28 in (184.20 x 118.1 x 71.1 cm)
Weight	Operating	214 lb (97 kg)
	Shipping	343 lb (156 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 636 1200mm Pallet Intelligent Series Rack (BW899A)

Dimensions (HxDxW)	Total Cabinet Area	68.84 x 51.19 x 23.54 in (174.86 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	74.02 x 52.92 x 27.95 in (188.00 x 139.50 x 71.00 cm)
Weight	Operating	282 lb (128 kg)
	Shipping	320 lb (145 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 636 1200mm Shock Intelligent Series Rack (BW900A)

Dimensions (HxDxW)	Total Cabinet Area	68.84 x 51.19 x 23.54 in (174.86 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	75.20 x 57.87 x 35.43 in (191.00 x 147.00 x 90.00 cm)
Weight	Operating	282 lb (128 kg)
	Shipping - Max CTO	514lb (234 kg)
	Shipping	3232lb (1466.01 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 642 1200mm Intelligent Series Air Duct Rack (BW910A and TK766A)

Dimensions (HxDxW)	Total Cabinet Area	78.97 x 51.19 x 23.54 in (200.59 x 130.01 x 59.78 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 35.43 in (216.8 x 147 x 90 cm)
Weight	Operating	345 lb (157 kg)
	Shipping	564 lb (256 kg)
	Shipping - Max CTO	3220lb (1466.01 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	Doors (BW910A)	Black with Silver extrusion
	Doors (TK766A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW910A)	Black
	Frame (TK766A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 647 1200mm Intelligent Series Air Duct Rack (BW936A and TK767A)

Dimensions (HxDxW)	Total Cabinet Area	88.50 x 51.19 x 23.54 in (224.79 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	95.67 x 57.87 x 35.43 in (243 x 147 x 90 cm)
Weight	Operating	360 lb (164 kg)
	Shipping	584 lb (265 kg)
	Shipping - Max CTO	3239 lb (1469.19 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)

Technical Specifications

Color	Doors (BW936A)	Black with Silver extrusion
	Doors (TK767A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW936A)	Black
	Frame (TK767A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 842 1075mm Pallet Intelligent Series Rack (BW917A)

Dimensions (HxDxW)	Total Cabinet Area	79.00 x 44.30 x 31.41 in (200.66 x 112.52 x 79.78 cm)
	Shipping (with packaging materials)	84.17 x 47.95 x 35.83 in (213.80 x 121.8 x 91 cm)
Weight	Operating	304 lb (138 kg)
	Shipping	357 lb (162 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
	Color	
	Doors	Black with Silver extrusion
	Frame	Black

HP 842 1075mm Shock Intelligent Series Rack (BW918A)

Dimensions (HxDxW)	Total Cabinet Area	79 x 44.30 x 31.41 in (200.66 x 112.52 x 79.78 cm)
	Shipping (with packaging materials)	85.35 x 53.83 x 43.43 in (216.80 x 129.10 x 110.30 cm)
Weight	Operating	304 lb (138 kg)
	Shipping	535 lb (255 kg)
	Shipping - Max CTO	3231 lb (1468.60 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	2500 lb (1134 kg)
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 842 1200mm Pallet Intelligent Series Rack (BW919A)

Dimensions (HxDxW)	Total Cabinet Area	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.78 cm)
	Shipping (with packaging materials)	84.17 x 54.84 x 35.83 in (213.80 x 139.30 x 91 cm)
Weight	Operating	372 lb (169 kg)
	Shipping	427 lb (194 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured

Technical Specifications

Color	Doors	Black with Silver extrusion
	Frame	Black

HP 842 1200mm Shock Intelligent Series Rack (BW920A and TK760A)

Dimensions (HxDxW)	Total Cabinet Area	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.78 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 43.43 in (216.80 x 147 x 110.30 cm)
Weight	Operating	372 lb (169 kg)
	Shipping	627 lb (285 kg)
	Shipping - Max CTO	3255 lb (1476.44 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	Doors (BW920A)	Black with Silver extrusion
	Doors (TK760A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW920A)	Black
	Frame (TK760A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 642 1200mm Shock Intelligent Series Network Rack (BW966A)

Dimensions (HxDxW)	Total Cabinet Area	79 x 51.19 x 23.54 in (200.66 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 35.43 in (218.80 x 147 x 90 cm)
Weight	Operating	301 lb (137 kg)
	Shipping	531 lb (241 kg)
	Shipping - Max CTO	3230 lb (1465.10 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	Doors	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 842 1200mm Shock Intelligent Series Network Rack (BW968A)

Dimensions (HxDxW)	Total Cabinet Area	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.79 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 43.43 in (218.80 x 147 x 110.30 cm)
Weight	Operating	381 lb (173 kg)
	Shipping	636 lb (289 kg)
	Shipping - Max CTO	3255 lb (1476.44 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	Doors	Black with Silver extrusion
	Frame	Black

NOTES:

* Static weight capacity is the total weight capacity of all equipment installed the rack once placed in a datacenter and the leveling feet have been extended.

** Dynamic weight capacity is the total weight capacity of all equipment installed in the rack that can be rolled into place in a datacenter.

*** Dynamic weight capacity is the total weight capacity of all equipment installed in the rack that can be shipped.

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