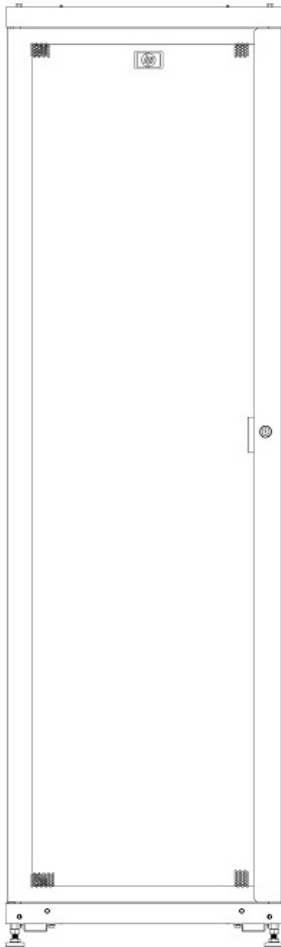# QuickSpecs

Overview

The HP Value Series Rack is specifically designed for the value minded customer. It is a revolutionary new rack presenting significant savings while providing a reliable industry standard rack that will fit many racking requirements.

The HP Value Series Rack is an industry standard 19" rack that can hold up to 2000 lbs of static load.

HP V142 Rack- front view

HP V142 Rack - top view

What's New

- Updating supported options list.

Overview

At a Glance

- The HP V142 Rack is full feature, low cost alternative for emerging markets and data center startups. It is fully compatible with all HP rack mounted products including ProLiant, Integrity, Nonstop, HP 9000 and Alpha servers as well as Storage products. This product expands the HP rack product line by offering a value line rack
- The HP V142 Rack also offers many improvements over the HP Rack 5000 Series racks:
  - Front door with updated design
  - Front and rear door handles and locks for security
  - Side panels come in 2 parts for ease of manageability and mounting
  - Cable management accessory compatible
  - New rack stabilizer, baying, grounding kit
- Three year limited warranty, parts only (3/0/0)

Models

HP Value Series Rack

HP V142 1075mm deep Pallet 100 series Rack	AF046A
HP v142 42U Rack Cabinet - Pallet S-Buy	AF046S

Standard Features

HP V142 Rack Compatibility	The following HP products are compatible with the HP V142 Rack:

- HP ProLiant servers
- HP Integrity servers
- HP BladeSystem
- HP NonStop
- HP MSA, EVA and XP
- All third party equipment designed to mount on industry standard 19" wide racks

Industry Standard Support

The HP V142 Rack are industry standard 19 inch RETMA standard and will support third-party equipment designed to mount on 19 inch wide.

EIA

The HP V142 Rack conforms to EIA-310D Type A cabinet per section 4.1.1

UL/CES Certification No

WEEE Yes

RoHS compliant Yes

Innovative Breakthroughs

- HP is the only IT rack provider to offer a complete line of options and accessories that are designed to support HP products.
- Configurable on site with static weight up to 2000 lbs.

HP Care Pack Services

HP Care Pack services include coverage for the HP branded hardware options qualified for the server and purchased at the same time or afterward that are internal to the enclosure. This also includes the 22" and smaller external monitors and tower UPS options up to 3kVA. These items will be covered at the same service level and for the same coverage period as the server. Coverage of UPS Battery is not included, and standard warranty terms & conditions apply. For servers or storage systems installed within a rack, service also covers all HP qualified rack options installed within the same rack.

- **HP Services**
  - To help streamline implementation and enhance ongoing support of rack solution, HP 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. HP Care Pack Services for rack-mounted ProLiant DL servers and storage products provide support for all HP-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 not additional cost. Also covered are any additional HP-qualified rack options installed within the same rack.

HP Care Pack Services help increase uptime and productivity with rapid response on a 24x7 or 13x5 basis.

Standard Features

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 HP Services expertise and consistent support levels across geographically dispersed sites.

NOTE: To learn more, please visit:
http://www.hp.com/services/proliantservices
http://www.hp.com/services/bladesystemservices

Related Options

Several options allow for quick and easy expansion of the HP V142 Rack 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 Rack Light Kit	HP Light Kit for 10000 Series Rack	361589-B21
	NOTE: Supports HP Rack 10000 and Intelligent Series and HP Rack 10000 G2 series. This light kit is mounted on the rack roof and used to provide light to the rear section of the rack.	
Rack Baying Kit	HP V142 100 Series Rack Baying Kit	AF048A
	NOTE: The baying kit is used to join two or more HP 100 racks. **NOTE:** Does not support 10000 or 10000 G2 series racks.	
Sidewall Panel Kits	HP V142 100 Series Rack Side Panel Kit	AF047A
	NOTE: The lightweight, locking side panels for the v142 rack come in 2 sections for better handling.	
Ballast Option Kit	HP 9000 and 10000 Rack Ballast Kit	120672-B21
	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.	
Rack Stabilization Kit	HP V142 100 Series Rack Stabilizer Kit	AF049A
	NOTE: The anti-tip stabilizer kits provide stability and support when equipment is installed, removed or accessed within the rack. **NOTE:** The stabilizing kit is recommended for single rack deployments.	
Grounding Kit	HP V142 100 Series Rack Grounding Kit	AF040A
	NOTE: Not supported in the Rack 10000 and Rack 10000 G2 series.	

Related Options

HP Cable Management Kits	Compaq Cable Management D Rings **NOTE:** This kit consists of 10 "D" rings that can be used in addition to the rings that ship standard in the 10000 series and 10000 G2 series racks for cable management.	168233-B21
	HP Rack Cable Management Velcro Clips **NOTE:** 50 pack.	379820-B21
	HP Rack Cable Management Kit **NOTE:** This kit provides an easy way to organize and route cables within HP Racks. Cable clips, cable rings, and 1U and 2U access panels are included. **NOTE:** 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	AF099A
HP Locking Drawer	HP 2U Universal Locking Drawer **NOTE:** This product mounts on HP 10000 Series and HP v142 Rack with sliding rails and is used to store CD's, Instruction manuals, tools, and any other item that is frequently used at the rack. Drawer includes lock. **NOTE:** 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	361591-B21
HP Rack Cable Trays	HP 600 Wide Rack Top Cable Tray	383982-B21
	HP 800 Wide Rack Top Cable Tray	383983-B21
	HP Rack Top Cable Mgmt Transfer Tray **NOTE:** The HP Rack Top Cable Mgmt Transfer Tray allows for cabling trays to be connected even across different aisles in the datacenter. **NOTE:** These kits mount on the top of the 9000 and 10000 Series rack (except the S10614 rack). Kit color is graphite.	383984-B21
Keyboard and Monitors	HP TFT7600 G2 KVM Console Rackmount Keyboard Monitor	AZ870A
	HP TFT7600 G2 KVM Console Rackmount Keyboard TAA Monitor	AZ885A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/13731_na/13731_na.html	
Universal 1U Filler Panels	HP 1U 10-pack Carbon Universal Filler Panel	AF070A
	HP 1U 100-pack Carbon Universal Filler Panel	AF071A
	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:** 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	

Related Options

HP Modular Power Distribution Units (Zero-U/1U Modular PDUs)	**100 - 127v 1Ø**	
	HP 2.8kVA 24A Low Voltage Modular Power Distribution Unit	252663-D71
	200 - 240v 1Ø	
	HP 4.9kVA 24A High Voltage Modular Power Distribution Unit	252663-D72
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/11041_na/11041_na.html	
HP Monitored Power Distribution Units	**HP Monitored Power Distribution Unit: Full Rack Version**	
	HP 17.3kVA 24A Dual Three Phase Monitored Power Distribution Unit	AF503A
	HP 8.6kVA 24A Single Input Three Phase Monitored Power Distribution Unit	AF504A
	HP 16.6kVA 40A Dual Input Single Phase Monitored Power Distribution Unit	AF505A
	HP 8.3kVA 40A Single Input Single Phase Monitored Power Distribution Unit	AF506A
	HP Monitored Power Distribution Unit: Half Rack Version	
	HP 17.3kVA 48A Single Input Three Phase Monitored Power Distribution Unit	AF916A
	HP 4.9kVA 24A Single Input Single Phase Monitored Power Distribution Unit	AF914A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/12118_na/12118_na.html	
HP R1500 G3 Uninterruptible Power Supply (UPS)	HP R1.5kVA G3 1U Uninterruptible Power System	AF469A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14059_na/14059_na.html	
HP R/T3000 G2 Uninterruptible Power System (UPS)	HP R/T3000 G2 2U L530 Low Voltage Uninterruptible Power System	AF466A
	HP R/T3000 G2 2U L620 High Voltage Uninterruptible Power System	AF467A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/13417_na/13417_na.html	
HP Parallel 3 Phase Uninterruptible Power Systems	HP RP36000/3 36000VA Three Phase Uninterruptible Power System	AF438A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/12856_na/12856_na.html	
HP 1x4 USB/PS2 KVM 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	

Related Options

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

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

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

Technical Specifications

HP V142 600mm Rack Pallet ALL

Dimensions (HxDxW)	**Total Cabinet Area**	80.00 x 42.13 x 23.63 in (203.2 x 107.01 x 60.02 cm)
	Shipping (with packaging materials)	85.28 x 47.24 x 27.95in (216.6 x 119.98 x 70.99 cm)
Weight	**Operating**	249 lb (112.94 kg)
	Shipping	278 lb (126.09 kg)
Load	**Static**	2000 lb (907.18 kg)
Color	**Doors**	Carbonite
	Frame	Carbonite

Environment-friendly Products and Approach	**End-of-life Management and Recycling**	Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to: http://www.hp.com/go/green. To recycle your product, please go to: http://www.hp.com/go/green or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

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 web site at: http://www.hp.com/go/green. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment. |