QuickSpecs

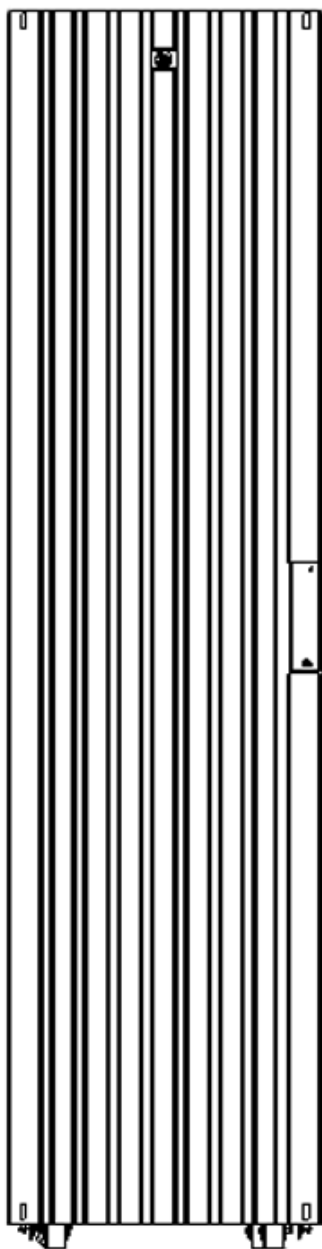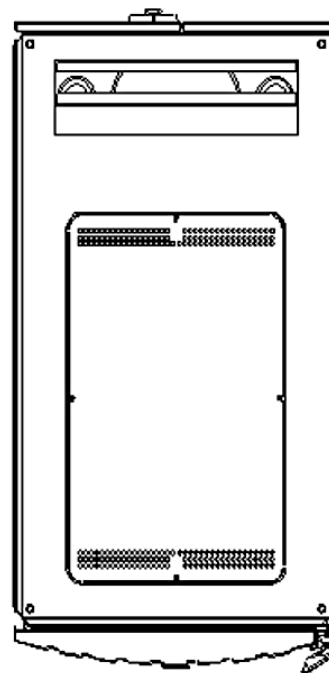*Overview*

HP sets the standard for performance and value in the enterprise with the HP Rack 10000 G2 Series family. This enterprise-class rack cabinet combines next-generation structural integrity cooling and cable management, ease of use capabilities and choice of configuration options to deliver a best-in-class product. The new HP Rack 10000 G2 Series is designated as HP's universal rack, ideal for all HP server and storage platforms including support for HP ProLiant, Integrity, BladeSystem, NonStop, StorageWorks MSA, EVA and XP. The HP 10000 G2 Series is specifically designed to ensure outstanding cooling and cable management making the HP Rack 10000 G2 Series the best choice for enterprise racks.

HP Rack 10000 G2 Series - front view   HP Rack 10000 G2 Series - top view

Overview

At a Glance

- The HP Rack 10000 G2 Series is the first universal rack compatible with all HP rack mounted products including ProLiant, Integrity, Nonstop, HP 9000 and Alpha servers as well as StorageWorks products. This effort simplifies the HP rack product line consolidating all previous rack offerings into a single universal rack for all HP server and storage platforms.
- The HP Rack 10000 G2 Series also offers many improvements over the HP Rack 10000 Series racks:
    - Front door with updated design
    - 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
    - Improved CTO pallet with offload metal ramp included
    - Improved mounting of stabilization feet with expanded offering to include regular and heavy-duty stabilization feet in 600 mm and 800 mm wide
    - Expanded offering of rack configurations including:
        - 36U and 42U Rack with rear extension kit included, mounted on a shock pallet for CTO
        - New rack tie-down kit and new grounding kit
- Three year limited warranty, parts only (3/0/0)

HP Rack 1000 G2 Series

10642 G2 (42U) Rack Cabinet - Pallet	AF001A
10642 G2 (42U) Rack Cabinet - Shock Pallet*	AF002A
10642 G2 (42U) Rack Cabinet - Crated	AF003A
10642 G2 (42U) Rack Cabinet, with Extension - Shock Pallet*	AF004A
10642 G2 (42U) Rack Cabinet, without door - Shock Pallet*	AF005A
10642 G2 (42U) Rack Cabinet - with Extension, without door - Shock Pallet*	AF006A
10636 G2 (36U) Rack Cabinet - Pallet	AF011A
10636 G2 (36U) Rack Cabinet - Shock Pallet*	AF012A
10636 G2 (36U) Rack Cabinet - Crated	AF013A
10636 G2 (36U) Rack Cabinet, with Extension - Shock Pallet*	AF014A
10636 G2 (36U) Rack Cabinet, without door - Shock Pallet*	AF015A
10636 G2 (36U) Rack Cabinet, with Extension, without door - Shock Pallet	AF016A

*NOTE: It is mandatory to use a shock pallet when shipping racks with equipment installed.

NOTE: 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.

Standard Features

Product Description - 10642 G2 and 10636 G2	HP sets the standard for industry standard racks in the enterprise with the HP 10000 G2 Series Rack family and rack options. This enterprise-class rack system combines unparalleled design and performance for rack durability, cooling, cable management and flexibility of configuration.

The HP 10000 G2 Series Rack System Compatibility

The following HP products are compatible with the HP Rack 10000 G2 Series:

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

Industry Standard Support The HP Rack 10000 G2 Series racks are industry standard 19 inch RETMA standard and will support third-party equipment designed to mount on 19 inch wide

EIA	The HP Rack 10000 G2 Series conforms to EIA-310D Type A cabinet per section 4.1.1
UL/CES Certification	No
WEEE	Yes
RoHS compliant	Yes

Innovative Breakthroughs

- The 2 meter form factor of the 42U HP 10000 G2 Series rack allows the rack to be pushed upright through most standard doorways for easy door clearance
- HP is the only IT rack provider to offer a complete line of options and accessories that are designed to support HP products.
- Configurable at HP CTO (Configure to Order) facilities with dynamic weight up to 2000 lbs.

Service and Support Offerings (HP Care Pack Services)

Care Pack services provide a range of life cycle support options that let you choose the service levels that meet your business requirements, from basic to mission-critical.

A full range of HP Care Pack hardware and software services are available including:

- Installation and start up
- Education courses
- Extended onsite hardware coverage hours from same business day 13 hours, 5 day to 24 hours, 7 days call window with options including 4-hour response or 6-hour Call To Repair
- Comprehensive range of software technical support for Microsoft, Linux, ProLiant Essentials and VMware-based IT solutions helping to deliver high level of application availability. Response times range from 30 mins for critical problems to 2 hours.
- System Management, Performance Services and Mission Critical Support Solution

NOTE: For more information on HP Care Pack services, contact any of our worldwide sales offices or resellers or visit our worldwide Web site on the internet at: http://www.hp.com/hps/carepack
NOTE: For more complete information on HP Services offerings, customers and resellers, please visit us at: http://www.hp.com/hps
NOTE: Additional information regarding worldwide limited warranty and technical support is available at: http://h18004.www1.hp.com/products/servers/platforms/warranty/index.html
NOTE: For more information regarding the Blade service portfolio visit our worldwide web site on the

internet at: http://h20219.www2.hp.com/services/cache/81725-0-0-225-121.html

NOTE: The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind.
NOTE: The warranties for HP products and services are set forth in the express limited warranty statements accompanying such products and services.
NOTE: Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Rack Options

Several options allow for quick and easy expansion of the HP Rack 10000 Series racks to create a custom solution.

Front Door	HP 10642 G2 Front Door ALL	AF009A
	HP 10636 G2 Front Door ALL	AF019A

Rack Light Kit	110V/220V Rack Light Kit	361589-B21
	NOTE: Supports HP Rack 10000 Series.	
	NOTE: This neon light kit is mounted on the rack roof and used to provide light to the rear section of the rack.	

Securing Kit	600W 10000 G2 Rack Tie Down	AF076A
	NOTE: The tie down kit is used to secure the rack to the datacenter floor to prevent tipping over during tremors and earthquakes.	

Baying Kit	Baying Kit (Carbon) (supports 24 in and 600 mm floor tile spacing)	248929-B21
	NOTE: Supports 24 in and 600 mm floor tile spacing.	
	NOTE: The baying kit is used to join two or more 10000 series racks of the same height together in minutes to create a multi-bay configuration. Color is carbon.	

9000/10000 Offset Baying Kit	9000/10000 Offset Baying Kit (42U)	248931-B21
	NOTE: This kit can be used to connect 9000 and 10000 series racks of the same U height together. Kit contents include hardware for connecting racks and a panel to cover the 100mm gap at the rear of the two racks.	

Side Panels	10642 G2 (42U) Side Panels (set of two) (Graphite Metallic)	AF054A
	10636 G2 (36U) Side Panels (set of two) (Graphite Metallic)	AF056A
	NOTE: The lightweight, locking side panels for the 10642 G2 and 10636 G2 racks come in 3 sections for better handling. Side panels are included with the 22U and 14U racks. Color is graphite metallic.	

Stabilization Kits	Ballast Option 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.	
	600mm G2 Stabilizer Option Kit (Graphite)	AF062A
	600mm G2, Heavy Duty Stabilizer Option Kit (Graphite)	AF064A
	NOTE: An anti-tip stabilizer provides 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.	

Grounding Kit	HP 10000 G2 Rack Grounding Kit	AF074A
	NOTE: 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	

Rack Options

Cable Management	Cable Management "D" Rings Kit 10 pack	168233-B21
	NOTE: This kit consists of 10 "D" rings that can be used in addition to the rings that ship standard in the 10000 G2 series rack for cable management.	
	HP Hoop and Loop Strips	379820-B21
	NOTE: 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	

Blanking Panels (Carbon Graphite)	1U Universal Blanking Panel kit (10 panels)	AF072A
	1U Universal Blanking Panel kit (100 panels)	AF073A
	NOTE: 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	

Rack Drawer	Rack mounted 2U Drawer	361591-B21
	NOTE: 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	

Cable Trays Kits	Rack Top Cable Tray, 600W	383982-B21
	Rack Top Cable Tray, 800W	383983-B21
	Rack to Rack Adjustable Cable Tray, Aisle Transfer Bridge	383984-B21
	NOTE: This kit mounts on the top of the 9000 and 10000 Series rack (except the S10614 rack) and pulls heated air from the back of the rack out through the top. Kit color is graphite.	

Fan Kits	Fan Kit (Graphite) (110V)	257413-B21
	Fan Kit (Graphite) (220V)	257414-B21
	NOTE: 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.	

Rear Extension Kits	10636 G2 Rear Extension Kit	AF060A
	10642 Rear Extension Kit (155mm)	AF058A
	NOTE: The rear extension kits are compatible with 10000 G2 Series, 10000 Series and the 9000 Series racks.	
	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.	

Service and Support Offerings (HP Care Pack Services)	Hardware Installation (Electronic)	U2871E

Technical Specifications

10642 Rack G2 (42U)

Dimensions (HxDxW)	Total Cabinet Area	78.7 x 39.691 x 24 in (199.90 x 100.82 x 60.96 cm)
	Shipping (with packaging materials)	86.22 x 48 x 32 in (219 x 121.92 x 81.28 cm)
Weight	Operating	253 lb (114.84 kg)
	Shipping	284 lb (129 kg)
Load	Static	2000 lb (908 kg)
	Dynamic	2000 lb (908 kg)
Color	Doors	Graphite Metallic
	Frame	Carbon

10636 Rack G2 (36U)

Dimensions (HxDxW)	Total Cabinet Area	68.6 x 39.691 x 24 in (174.24 x 100.82 x 60.96 cm)
	Shipping (with packaging materials)	75.25 x 48 x 32 in (191.14 x 121.92 x 81.28 cm)
Weight	Operating	220 lb (100 kg)
	Shipping	272 lb (123 kg)
Load	Static	2000 lb (908 kg)
	Dynamic	1520 lb (690 kg)
Color	Doors	Graphite Metallic
	Frame	Carbon