

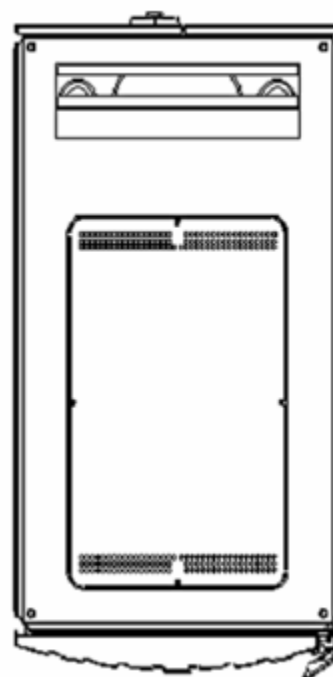
### Overview

HP sets the new standard for performance and value in the enterprise with the new 10000 G2 Series Rack family. This new enterprise-class rack combines unparalleled structural integrity, cooling, and cable management; ease of use capabilities and a wide choice of rack, power and switching options to deliver a best in class product. The new rack is designated as HP's universal rack, ideal for all HP rack mounted server and storage products, complementing and protecting your investment in technology. Specifically designed to ensure outstanding cooling and cable management, the 10000 G2 Series Rack is the best choice to enterprise racks.

In addition to the universality of the new racks, important improvements have been made from the previous version, including improved and updated front door design with bright-aluminum finish; improved front and rear door handles and latches, and easier to handle three section side panels.



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)
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### Models

#### 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
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

**\*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 UL/CES Certification WEEE RoHS compliant

The HP Rack 10000 G2 Series conforms to EIA-310D Type A cabinet per section 4.1.1  
No  
Yes  
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

### *Standard Features*

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 G2 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.

<b>Front Door</b>	HP 10642 G2 Front Door ALL	AF009A
	HP 10636 G2 Front Door ALL	AF019A

**NOTE:** Kits may be retro-fitted to 10000 Series Racks.

<b>Rack Light Kit</b>	110V/220V Rack Light Kit	361589-B21
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**NOTE:** Supports HP Rack 10000 Series and HP Rack 10000 G2 series. This neon light kit is mounted on the rack roof and used to provide light to the rear section of the rack.

<b>Securing Kit</b>	600W 10000 G2 Rack Tie Down	AF076A
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**NOTE:** For HP 10000 G2 Series only. The tie down kit is used to secure the rack to the datacenter floor.

<b>Rack Coupling Kit</b>	Rack Coupling Kit (Carbon)	248929-B21
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**NOTE:** Supported by both the Rack 10000 and Rack 10000 G2 series. Supports 24 in and 600 mm floor tile spacing. The kit is used to join two or more 10000 series racks of the same height together in minutes to create a multi-bay configuration.

<b>9000/10000 Offset Baying Kit</b>	9000/10000 Offset Baying Kit (42U)	248931-B21
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**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.

<b>Side Panels</b>	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.

<b>Stabilization Kits</b>	Ballast Option Kit	120672-B21
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**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:** 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.

### Rack Options

<b>Grounding Kit</b>	HP Rack Grounding Kit (Carbon)	AF074A
	<p><b>NOTE:</b> Supported by the Rack 10000 and Rack 10000 G2 series.</p> <p><b>NOTE:</b> 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>Cable Management</b>	Cable Management "D" Ring (10 pack)	168233-B21
	<p><b>NOTE:</b> 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.</p>	
	HP Hook and Loop Strips (50 pack)	379820-B21
	<p><b>NOTE:</b> 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>Blanking Panels</b> (Carbon Graphite)	1U Universal Blanking Panel kit (10 panels)	AF072A
	1U Universal Blanking Panel kit (100 panels)	AF073A
	<p><b>NOTE:</b> 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.</p> <p><b>NOTE:</b> 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>Locking Drawer</b>	HP 2U Universal Locking Drawer (WW)	361591-B21
	<p><b>NOTE:</b> This product mounts on HP 10000 Series and HP Rack 10000 G2 series racks 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.</p> <p><b>NOTE:</b> 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>Rack Cable Trays</b>	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
	<p><b>NOTE:</b> The Aisle Transfer bridge allows for cabling trays to be connected even across different aisles in the datacenter.</p> <p><b>NOTE:</b> These kits mount on the top of the 9000 and 10000 Series rack (except the S10614 rack). Kit color is graphite.</p>	
		383984-B21
<b>Fan Kits</b>	HP Roof Mounted Fan Kit 110V	257413-B21
	HP Roof Mounted Fan Kit 220V	257414-B21
	<p><b>NOTE:</b> 0D1 will appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>Rear Extension Kits</b>	10636 G2 Rear Extension Kit (155mm)	AF060A
	10642 G2 Rear Extension Kit (155mm)	AF058A
	<p><b>NOTE:</b> Compatible with 10000 and 10000 G2 Series racks. Extends the rack 155mm for ideal cable management and adding Dual Rack Mounted PDU.</p>	

## *Rack Options*

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

U2871E

### Technical Specifications

#### 10642 Rack G2 (42U)

<b>Dimensions (HxDxW)</b>	<b>Total Cabinet Area</b>	78.7 x 39.691 x 24 in (200 x 101.5 x 59.7 cm)
	<b>Shipping</b> (with packaging materials)	86.22 x 48 x 32 in (219 x 121.92 x 81.28 cm)
<b>Weight</b>	<b>Operating</b>	253 lb (114.84 kg)
	<b>Shipping</b>	284 lb (129 kg)
<b>Load</b>	<b>Static</b>	2000 lb (908 kg)
	<b>Dynamic</b>	2000 lb (908 kg)
<b>Color</b>	<b>Doors</b>	Graphite Metallic
	<b>Frame</b>	Carbon

#### 10636 Rack G2 (36U)

<b>Dimensions (HxDxW)</b>	<b>Total Cabinet Area</b>	68.6 x 39.691 x 24 in (173.5 x 101.5 x 59.7 cm)
	<b>Shipping</b> (with packaging materials)	75.25 x 48 x 32 in (191.14 x 121.92 x 81.28 cm)
<b>Weight</b>	<b>Operating</b>	220 lb (100 kg)
	<b>Shipping</b>	272 lb (123 kg)
<b>Load</b>	<b>Static</b>	2000 lb (908 kg)
	<b>Dynamic</b>	1520 lb (690 kg)
<b>Color</b>	<b>Doors</b>	Graphite Metallic
	<b>Frame</b>	Carbon

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