



## HP 10000 G2 Series Rack

Data sheet

Flexible, easy to install, and energy efficient, the HP 10000 G2 Series Rack and rack options let you address your IT needs quickly—and save money.

Updating your infrastructure makes good business sense. Server and storage consolidation and virtualization cause an increase in server and storage densities per rack. Larger density calls for a sufficient rack and power (and cooling) infrastructure to cope with the demand.

HP sets the enterprise standard for performance and value with the HP 10000 G2 Series Rack family. This enterprise-class rack combines next-generation structural integrity, cooling and cable management, ease-of-use capabilities, and a wide choice of configuration options for increased flexibility.

Designed as an HP universal rack, the HP 10000 G2 Series Rack integrates seamlessly with all HP server and storage platforms, including HP ProLiant, Integrity, Integrity NonStop, HP 9000 and Alpha servers, and networking and StorageWorks products.

In addition, we have made important structural enhancements from the previous version of racks, including an updated front-door design with a bright aluminum finish, improved front and rear door handles and latches, and easier-to-handle three-section side panels. We've also made improvements to help provide that your mounted devices are easy to access and receive more effective airflow.

### Features and benefits

#### A complete portfolio of enterprise racks

- A single rack family for all HP server and storage platforms
- Expanded configure to order (CTO) offerings include a depth-expanded rack on a shock pallet.
- A complete line of rack, power, and KVM options to address all infrastructure requirements
- Factory Express services are available with the HP 10000 G2 Series Rack, rack accessories, and all HP rack-mount products.
- A complete line of rack models<sup>1</sup>—14U, 22U, 36U, 42U, 47U, and 42Ux800W—makes it the ideal rack for enterprise-class data centers, SMBs, remote sites, and single-rack deployments.

1. HP 10000 G2 racks include the 10642, 10636, and 10647 models; all other models are currently HP 10000 G1 series.

# HP 10000 G2 Series Racks support up to 2,000 pounds of dynamic loading capabilities. HP can ship any fully loaded server and storage configuration in the rack anywhere in the world.

## **Rack design**

- Updated industrial design with top-to-bottom bright aluminum strip
- Multi-angle door design and fully perforated front and rear doors provide efficient, convection cooling and improved ventilation. The doors have been tested to be 65 percent open for proper ventilation and cooling of servers.
- A patented 7x2 roll frame is unique in the industry; the steel of the frame is folded seven times rather than just cut thicker, which enables the rack to hold a net weight of 2,000 pounds of static and dynamic loading.
- A deeper 1 m form factor maximizes the use of space within your rack, and easily accommodates the increasing depth of next-generation servers and storage products.
- Zero U space on the sides of the rack support the mounting of PDUs and switchboxes.
- Truly CTO-capable with shock pallet and crating options with easy-unload ramps
- Tool-less three piece side panels for easier handling
- Clear U markings on all four mounting rails
- Split rear doors facilitate easy servicing of servers and minimize rear aisle space interference.
- A lock and key for front and rear doors and side panels provides a high level of security.
- Heavy-duty casters are designed to withstand 2,000 pounds of dynamic capacity while maintaining a low center of gravity.

## **Cable management**

- A 1 m-deep rack can expand by 155 mm (using the optional extension kit) to provide additional space in the rear of the rack for optimal cable management (10636 and 10642 racks only).
- Large cable egresses in the rack top, a removable access panel on the rear door, and cable management straps help address the cable management problems of high-density environments.
- Route cables that extend through the rack-top cable egress use cable-tray options, which thread cables through the full row of racks, and use the transfer bridge to rack top-cable management trays.
- Options such as cable D rings, cable management hook and loop strips, and Fibre Channel routing kits offer superb cable management.

Technical specifications

HP Universal Rack  
10636 G2



HP Universal Rack  
10642 G2



HP Universal Rack  
10647 G2



<b>Dimensions (total cabinet area)</b>	68.6 x 39.69 x 24 inches (174.24 x 100.82 x 60.96 cm)	78.7 x 39.69 x 24 inches (199.90 x 100.82 x 60.96 cm)	89.96 x 39.69 x 24 inches (228.5 x 100.82 x 60.96 cm)
<b>Weight (operating)</b>	220 lb (100 kg)	253 lb (114.84 kg)	245 lb (111 kg)
<b>Static load</b>	2,000 lb (908 kg)	3,000 lb (1360 kg)	3,000 lb (1361 kg)
<b>Dynamic load</b>	1,520 lb (690 kg)	2,000 lb (908 kg)	2,000 lb (908 kg)
<b>Color</b>	Doors: graphite metallic Frame: carbon	Doors: graphite metallic Frame: carbon	Doors: graphite metallic

Ordering information

Part number/SKU	Product name
AF001A	HP Universal Rack 10642 G2 Pallet
AF002A	HP Universal Rack 10642 G2 Shock
AF003A	HP Universal Rack 10642 G2 Crated
AF034A	HP Universal Rack 1200 mm deep 10642 G2 rack Shock
AF038A	HP Universal Rack 1200 mm deep 10642 G2 rack Standard
AF031A	HP Universal Rack 10647 G2 Pallet
AF044A	HP Universal Rack 1200 mm deep 10647 G2 rack Shock
AF045A	HP Universal Rack 1200 mm deep 10647 G2 rack Standard
AF011A	HP Universal Rack 10636 G2 Pallet
AF012A	HP Universal Rack 10636 G2 Shock
AF013A	HP Universal Rack 10636 G2 Crated
AF014A	HP Universal Rack 10636 G2 with Extension Shock
AF015A	HP Universal Rack 10636 G2 (no door) Shock
AF016A	HP Universal Rack 10636 G2 with Extension (no door) Shock
AF009A	HP Universal Rack 10642 G2 Front Door
AF019A	HP Universal Rack 10636 G2 Front Door
AF054A	HP Universal Rack 10642 G2 Side Panel Kit
AF056A	HP Universal Rack 10636 G2 Side Panel Kit
AF036A	HP Universal Rack 10642 G2 200 mm Rear Extension Kit
AF043A	HP Universal Rack 10647 G2 200 mm Rear Extension Kit
AF060A	HP Universal Rack 10636 G2 Rear Extension Kit
AF062A	HP Universal Rack 10000 G2 Series Stabilizer Kit 600 mm
AF064A	HP Universal Rack 10000 G2 Series Stabilizer Kit 600 mm Heavy Duty
AF074A	HP Rack Grounding Kit
AF054A	HP 10642 G2 Side Panel Kit
379820-B21	HP Hook and Loop Strips

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## For more information

For more information about HP 10000 G2 Series Racks, go to [www.hp.com/go/rackandpower](http://www.hp.com/go/rackandpower).



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