



Rack Mounting Kits: HP Z200, HP Z400, HP Z600, and HP Z800 Workstations

Introduction:

Engineered to include the best features of the previous generation of kits, the new models of HP rack mounting systems are just the right size, and include the necessary features to seamlessly accept the chassis of the new Z-series cases. Standard with the HP xw4/Z2/Z4 Depth Adjustable Fixed Rail Rack Kit (WH340AA) is a convenient locking tray that secures to the workstation and adjustable fixed rails that attach to the rack. All kits offer a low-profile design with minimal impact on space constraints, allowing for high-density rack configurations. Highlighting flexibility and safety, these kits provide an affordable and simple rack mount solution for use with any of HP's current entry-level workstations.

The HP Z6/Z8 Adjustable Sliding Rail Rack Kit (NN124AA) incorporates an enterprise-class sliding-rail system which attaches directly to the workstation chassis and the server rack. Designed for the HP Z600 and HP Z800 Workstations, the sliding-rail design provides easy access to the workstation for servicing, and allows the customer to make internal hardware changes without removing the workstation from the rack.

Please refer to product specification and compatibility below for full details.

HP product number	Description	Rack type supported*	Total rack units used	HP xw4x00	HP Z200	HP Z400	HP Z600	HP Z800
EK729AA	HP Depth Adjustable Fixed Rail Rack Kit	IT/Broadcast	HP xw4x00 – 4U HP Z400 – 4U	●		●		
WH340AA	HP xw4/Z2/Z4 Depth Adjustable Fixed Rail Rack Kit	IT/Broadcast	HP xw4x00 – 4U HP Z200 – 4 $\frac{1}{3}$ U HP Z400 – 4U	●	●	●		
NN124AA	HP Z6/Z8 Depth Adjustable Sliding Rail Rack Kit	IT/Broadcast**	HP Z600 – 4U HP Z800 – 5U				●	●

Key Product Features—HP Depth Adjustable Fixed Rail Rack Kit (EK729AA):

The HP Depth Adjustable Fixed Rail Rack Kit includes a set of fixed rails that attach directly to the server rack with provided hardware. The fixed rails provide a secure mounting platform for the tray and workstation, and are adjustable to accommodate racks that are 24–30 inches deep. The tray is secured to a workstation using provided hardware, and then mounted into the rack.

The slim design provides customers with the ability to rack mount HP xw4x00 and HP Z400 Workstations in a 4U rack space (1U = 1.75 inches); existing installations of these systems can be upgraded without impact to the original rack configurations.

Effective March 2010, the HP Depth Adjustable Fixed Rail Rack Kit (EK729AA) was replaced by the HP xw4/Z2/Z4 Rack Mount Solution (WH340AA) detailed below.

For more information about the HP Depth Adjustable Fixed Rail Rack

Kit, see: http://h20000.www2.hp.com/bc/docs/support/SupportManual/c01175801/c01175801.pdf?jumpid=reg_R1002_USEN



Figure 1. HP Depth Adjustable Fixed Rail Rack Kit—with workstation installed

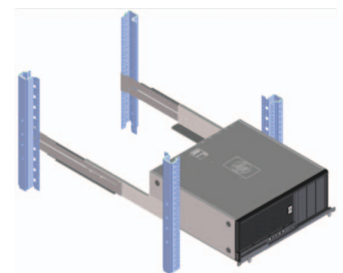


Figure 2. HP Depth Adjustable Fixed Rail Rack Kit—Tray partially extended

Note: The lower case character “x” denotes multiple platforms.

* IT racks typically have 30-inch depth between the front and rear rails, and either round or square untapped holes with clip-on nuts. Broadcast racks have a depth of 24 inches between the rails and the mounting holes are typically tapped for #10-32 threads.

** Parts for installing the sliding rack mount kit in HP legacy racks are sold separately in adapter kit part number WD587AA and are compatible with the following rack models: E3660B, E3661B, E3662B, E7590A, J1450B or J1487A/B.

Key Product Features—HP xw4/Z2/Z4 Depth Adjustable Fixed Rail Rack Kit (WH340AA):

The HP xw4/Z2/Z4 Depth Adjustable Fixed Rail Rack Kit includes a set of fixed rails that attach directly to the server rack with provided hardware. The fixed rails provide a secure mounting platform for the locking tray and workstation, and are adjustable to accommodate racks that are 24–30 inches deep. This kit is designed to replace the HP Depth Adjustable Fixed Rail Rack Kit (EK729AA), offering better functionality and new safety features.

The locking tray is engineered to provide a tool-free installation of the workstation. The tray includes release latches to ensure safe removal of the workstation from the server rack, an improvement over the predecessor kit, and a system ID label that provides an easy way to identify individual workstations.

The slim design provides customers with the ability to rack mount the HP xw4x00 and HP Z400 Workstations in a 4U rack space (1U = 1.75 inches); existing installations of these systems can be upgraded without impact to the original rack configurations. While most configurations will mount an HP Z200 in 5U of rack space, this kit only requires 4½U for HP Z200 installations. For more information about the HP xw4/Z2/Z4 Depth Adjustable Fixed Rail Rack Kit, see:

http://h20000.www2.hp.com/bc/docs/support/SupportManual/c01175801/c01175801.pdf?jumpid=reg_R1002_USEN

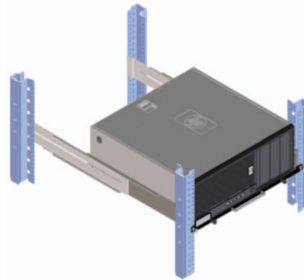


Figure 3. HP xw4/Z2/Z4 Adjustable Sliding Rail Rack Kit—with workstation installed

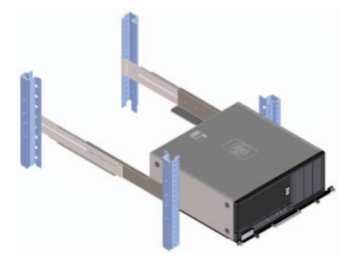


Figure 4. HP xw4/Z2/Z4 Adjustable Sliding Rail Rack Kit—Tray extended to locking position

Key Product Features—HP Z6/Z8 Adjustable Sliding Rail Rack Kit (NN124AA):

This kit features an enterprise-class three-section ball-bearing extension slide. The slides are fully extendable, so the unit can slide completely out of the rack for servicing, making it easy to add memory, hard disk drives, optical disc drives, and options cards, etc., without removing the computer from the rack.

The HP Z6/Z8 Adjustable Sliding Rail Rack Kit rails snap into HP racks without using tools, making setup convenient and efficient. The inner slide and mounting flanges attach to the computer chassis using a set of screws for added strength and stability. The top mounting holes are concealed underneath the top plastic trim, which must be removed along with the rear handle to attach the inner slide and mounting flanges.

Some of our customers need to mount their workstations into racks that are only 24 inches deep (such as those commonly used in the broadcast industry), instead of the 29- to 30-inch deep racks that are commonly used in the IT industry (including HP racks), so adjustability was an important objective. The HP Z6/Z8 Adjustable Sliding Rail Rack Kit is adjustable to accommodate racks that are 24–30 inches deep. For convenience, the adjustable rails are shipped configured to fit standard HP racks.

The HP Z6/Z8 Adjustable Sliding Rail Rack Kit is compatible with HP Z600 and HP Z800 Workstations.

For more information see: <http://bizsupport1.austin.hp.com/bc/docs/support/SupportManual/c01689230/c01689230.pdf>



Figure 5. HP Z6/Z8 Adjustable Sliding Rail Rack Kit—with workstation installed

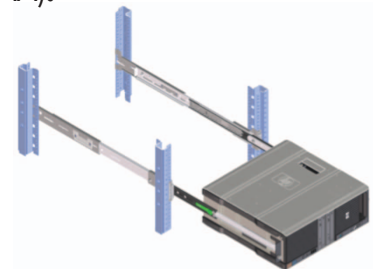


Figure 6. HP Z6/Z8 Adjustable Sliding Rail Rack Kit—Slide rails extended to locking position