HP Rack Options and Accessories

HP offers a wide variety of rack options and accessories that help you to complete 10000 series racks.

Monitors and Keyboards

TFT5600RKM

United States	221546-001	Norway	221546-091
United Kingdom	221546-031	Sweden/Finland	221546-101
Germany	221546-041	Switzerland	221546-111
France	221546-051	Portugal	221546-131
Italy	221546-061	Belgium	221546-181
Spain	221546-071	Japan	221546-291
Denmark	221546-081	International	221546-B31

This clamshell design requires only 1U and allows enough room to mount a switchbox behind it to maximize the space within the rack. The monitor is a full 15" display and the keyboard has programmable hot keys in addition to a trackball mouse.

TFT 7210R Rack Mount Flat Panel Monitor

World Wide	348373-B21

The TFT7210R is a 1U, retractable 17" flat panel monitor for mounting on the HP 5000 and 10000 series racks. Utilizing the latest in panel technology, this SXVGA has a resolution of 1280 x 1024 dpi and a wider viewing angle than its predecessor, the TFT 5110.

Integrated Keyboard and Drawer

United States	257054-001
United Kingdom*	257054-031
Germany*	257054-041
France*	257054-051

Italy*	**257054-061**
Spain*	**257054-071**
Denmark*	**257054-081**
Norway*	**257054-091**
Sweden/Finland	**257054-101**
Switzerland*	**257054-111**
Portugal*	**257054-131**
Belgium*	**257054-181**
Japan2*	**257054-291**
International*	**257054-B31**

This keyboard offers a centrally located trackball and nine programmable hot keys which allows users to program up to seven keystrokes per key for rapid movement between rack-mounted devices. The keyboard utilizes the 1U keyboard drawer.

Rack Compatibility

Accessory	Rack system/E installation	5000 and 10000 installation
TFT5600	Use kit 287139-B21.	As shipped.
TFT7210	As shipped..	As shipped.
Keyboard & drawer (257054-xxx)	Use kit 287139-B21.	As shipped.
Depth adjust rails (stationary/static) Part# 332558-B21	As shipped	As shipped
Fixed shelf kit Part# 253449-B21	No	As shipped
Sliding shelf kit Part# 234672-B21 N/A As	No	As shipped

shipped.		
Rack mounting brackets (IT and broadcast) Part# 308288-B21	As shipped	As shipped

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Light Kit

10000 Series Light Kit   361589-B21

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Mounts in top rear of the 10000 Series rack for improved visibility inside the rack.

KVM Consoles and Accessories

HP IP Console Switched and HP Server Console Switches provide a true KVM solution for system management. Tiering support allows for up to 256 servers. Utilizing CAT5 UTP cable connections improves cable management and airflow. Serial support means that Linux and Unix based servers as well as network devices can be all be managed from a single console.

HP IP Console Switch
Allows for remote KVM management of 1 or 3 users at a time. Optional LDAP License integrates access rights and security into Active Directory.

3x1x16 port KVM/IP switch (3 remote users and 1 local user)   262586-B21
1x1x16 port KVM/IP switch (1 remote user and 1 local user)   262585-B21

Directory Services Integration License Kits (IP Console Switches only)
Single License for one switch   370585-B21
Flexible Quantity License Kit   370586-B21
License only - for use with Activation Key Agreement   370587-B21

HP Server Console Switches
The HP Console Switches integrates KVM and serial devices into a single local management console for all your servers, network devices and infrastructure.

0x1x8 Server Console Switch (1 local user, 8 server ports)   336044-B21
0x2x16 Server Console Switch (2 local users, 16 server ports)   336045-B21

Options for all CAT5 HP IP Console Switches and HP Server Console Switches

PS/2 Interface adapter - (8-pack)	262587-B21
PS/2 Interface adapter - (1-pack)	262588-B21
USB Interface adapter - (1-pack)	336047-B21
Serial Interface adapter - 1 Pack with power supply	373035-B21
8-Port CAT5 KVM Expansion module	262589-B21

CAT5 UTP Cable Kits - Unshielded Category 5 cables with RJ45 connectors for attaching HP Console Switches to HP Interface Adapters

3 Foot 4-pack	263474-B21
6 Foot 8-pack	263474-B22
12 Foot 8-pack	263474-B23
20 Foot 4-pack	263474-B24
40 Foot single pack	263474-B25

The HP 1×4 USB/PS2 KVM Switch

2048 x 1536 resolution is perfect for workstations or SMB applications The HP 1×4 USB/PS2 KVM Switch provides the ideal mix of features and functionality in a compact 4 Port KVM Switch and also provides for audio switching and USB pass-through.

HP 1x4 USB/PS2 KVM TableTop Switch (NA/JPN)	371301-D71
HP 1x4 USB/PS2 KVM TableTop Switch (AU/NZ)	371301-011
HP 1x4 USB/PS2 KVM TableTop Switch (UK)	371301-031
HP 1x4 USB/PS2 KVM TableTop Switch (EU)	371301-A21

Table Top models includes 2 x HP 6 foot PS2 with audio KVM Cables

HP 1x4 USB/PS2 KVM Rack-mount Switch (Worldwide)	371302-B21

Rack Mount model uncludes 4 x HP 6 foot PS2 without audio KVM Cables

Additional Cables for HP 1x4 USB/PS2 KVM Switch

HP 6ft PS2 with Audio KVM Cable 2 pack	371730-B21
HP 6ft USB with Audio KVM Cable 2 pack	371729-B21

Legacy CPU-to-Sever Console Cables,

3 Feet	Worldwide	110936-B24
7 Feet	Worldwide	110936-B25
12 Feet	Worldwide	110936-B21

The CPU-to-Server Console Cables provide flexibility in connecting servers to server console switch boxes by providing three, seven, and twelve feet of cable. The CPU-to-Server Console Cables have PC 99 colored locking connectors.

Shelving, Mounting and Grounding Kits

Baying/Coupling Kit
10000 Series – Carbon   248929-B21
The baying kit is used to join two or more racks together in minutes to crate a multi-bay configuration. The baying kit supports 24" and 600mm floor tile spacing. Sides of adjacent rack frames are joined together and optional side panels are then placed on the two ends of the multi-bay configuration.

9000/10000 Offset Baying Kit
42U - Carbon   248931-B21 This baying kit is used to connect 9000 and 10000 series racks of the same U heights together. The kit includes the baying kit hardware in addition to a 100mm deep, graphite metallic panel to cover up the gap on the side of the 10000 series rack.

Universal Locking Drawer
2U – Carbon Graphite   361591-B21
This locking drawer is used to store manuals, CD, tools or an other item that requires safekeeping. Includes sliding rails and lock with keys.

100 Kg Sliding Shelf Kit
Worldwide- Graphite   234672-B21
The Sliding Shelf Kit allows for rack-mountable products to be mounted at any height within HP 10000 Series Racks. This Sliding Shelf Kit mounts on slides that allow you to pull the shelf in and out of the rack for easy access, maintenance and upgrading. The Sliding Shelf has a load capacity of 220lbs (100 kg).   Shipping Dimensions: 4.88x32.13x19.63 in

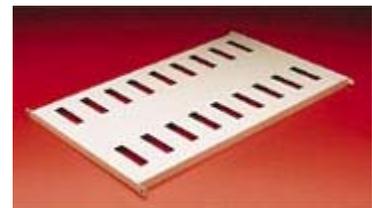## **Depth Adjustable Fixed Rail Kit**
Worldwide   332558-B21
The Depth Adjustable Fixed Rail Kit contains two, 19" to 31", depth adjustable rails that mount HP rack-mountable servers, storage boxes, UPSs, and HP networking products in third party racks. The Depth Adjustable Fixed Rail Kit also allows for most third party rack-mountable products to be mounted in HP Racks. The Depth Adjustable Fixed Rails have a load capacity of 300 lbs (136.2 kg).

Monitor/Utility Shelf Kit
Graphite   253449-B21
The 1U Monitor/Utility Shelf is a fixed shelf that can be mounted at any height within HP Racks to place a monitor or another component. Bezels for a 14", 15" and 17" monitor are included. The Monitor/Utility Shelf is 19" (482.6 mm) wide and 29.13" (739.9 mm) deep with a load capacity of 150 lbs (68.1 kg).

10000 Series Rack Panels
47U – Graphite Metallic 255486-B21
42U – Graphite Metallic 246099-B21
36U – Graphite Metallic 246102-B21
Locking side panels for the 47U, 42U and 36U models of the 10000 series racks. Two side panels included in kit and no tools are required to install.
NOTE: The 10622 rack ships with side panels installed.

Grounding Rack Option Kit
9000/10000 Series   260457-B21
This product essentially reduces the electromagnetic emissions that may be given off by electronic components operating within the rack cabinet. The grounding kit ties all the conductive structural components the Rack together with conductive cables and is designed be attached to a ground bonding point on the cables and is designed to be attached to a ground bonding point on the Rack's AC Power Distribution Device. This option will be used predominately by the HP Custom Systems Organization to configure HP Racks with the Alpha Server products.

Third Party Rail Kit
Worldwide   226555-B21
This kit can be used to efficiently mount the Sun Ultra 2, Ultra 5 or Ultra 10 servers within the Rack 9000 or 10000.

Rack Compatibility

Product Description	Compatible Racks	Color	Part Number
Baying Kit (10000 Series)	10000 Series	Carbon	248929-B21
9000/10000 Offset Baying Kit	9000/10000 Series	Carbon	248931-B21
25" Rack Rail Adapter Kit	5000/10000 Series	NA	120675-B21
Depth Adjustable Fixed Rail Kit	5000/10000 Series	NA	332558-B21
Networking Recessed Rail Management Kit	5000/10000 Series		292406-B21
Networking Recessed Rail Management Kit	5000/10000 Series		292406-291
Light Kit	10000 Series	Graphite	361589-B21
Monitor/Utility Shelf Kit	5000/10000 Series	Graphite	253449-B21
Side Wall Panel Kit (47U) 10000 series	10000 Series	Graphite Metallic	255486-B21
Side Wall Panel Kit (42U) 10000 series	10000 Series	Graphite Metallic	246099-B21
Side Wall Panel Kit (36U) 10000 series	10000 Series	Graphite Metallic	246102-B21
Ground Bonding Kit (9000/10000 Series)	10000 Series	NA	260457-B21
3rd Party Rail Kit	10000 Series	NA	226555-B21
100kg capacity Sliding Shelf	5000/10000 Series	Graphite	234672-B21

Stabilization

Ballast Option Kit
Worldwide   120672-B21

The Ballast 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.

Stabilizer Option Kit
600mm wide, 10000 Series   246107-B21
800mm wide, 10842 Rack   255488-B21
An anti-tip stabilizer provides stability and support when equipment is installed, removed or accessed within the rack. It is recommended you use a stabilizer option kit with a stand-alone rack.

Rack Compatibility

Product Description	Compatible Racks	Color	Part Number
Ballast Kit	10000 Series	NA	120672-B21
Stabilizer Option Kit (600mm) 10000 series	10000 Series	Graphite	246107-B21

Thermal Management

Roof Mounted Fan Kit
Graphite 110V Fan Kit   257413-B21
Graphite 220V Fan Kit   257414-B21

Roof-mounted extractor fan kit enhances natural convection cooling by increasing the airflow in the rack.

Blanking Panel Kit

1U Universal Blanking Panel 10 pack   AF072A
1U Universal Blanking Panel 100 pack   AF073A

These new 1U blanking panels are snap-on, requiring no tools, they are carbon graphite in color.

The above blanking panels will replace the following beginning June 2005:

Multi - graphite   253214-B26
10 each 1U - graphite   253214-B21
10 each 2U - graphite   253214-B22
10 each 3U - graphite   253214-B23
10 each 4U - graphite   253214-B24
10 each 5U - graphite   253214-B25

Rack Compatibility

Product Description	Compatible Racks	Part Number
Roof Mounted Fan Kit (110V)	10000 Series	257413-B21
Roof Mounted Fan Kit (220V)	10000 Series	257414-B21
1U Universal Blanking Panel 10 pack	5000/10000 Series	AF072A
1U Universal Blanking Panel 100 pack	5000/10000 Series	AF073A
Blanking Panel Kit (1 each of 8U, 4U, 2U, 1U)	5000/10000 Series	253214-B26
Blanking Panel Kit (10 each of 1U)	5000/10000 Series	253214-B21

Blanking Panel Kit (10 each of 2U)	5000/10000 Series	253214-B22
Blanking Panel Kit (10 each of 3U)	5000/10000 Series	253214-B23
Blanking Panel Kit (10 each of 4U)	5000/10000 Series	253214-B24
Blanking Panel Kit (10 each of 5U)	5000/10000 Series	253214-B25

Cable Management

HP Cable Management Kit
Worldwide   292407-B21
Japan   292407-291
HP Cable Management Kit provides an easy way to organize and route cables
within a rack. Ten cable clips, ten cable rings, one 1U access panel, and one
2U access panels included a kit.

10000 Series Extension Kit:
Worldwide
42U 1000 Series Extension Kit   AF058A

This extension kit provides 110mm of additional rear space on the 10000 Series rack for improved
cable management. Carbon Graphite color matches the color of the 10000 Series Rack.

Cable Management "D" Rings
Worldwide   168233-B21
This kit contains 10 D rings that mount in the back rails of the rack and allow for
cables to be routed an organized within the rack.

Fiber Channel Cable Management Options:
Worldwide
FC Cable routing Spool - Box of 12   293357-B21
Rail-to-Rail FC Cable Routing – All   293358-B21
Side Rail FC Routing - Box of 6   293359-B21

Rack Compatibility

Product Description	Compatible Racks		Part Number
Cable Management Kit	5000/10000 Series		292407-B21
42U Extension Kit	10000 Series		AF058A
Cable Management D-ring Kit	5000/10000 Series	NA	168233-B21
FC Cable Management Options	5000/10000 Series	NA	See above

10000 Series Cable Trays:
Worldwide
Rack-top Cable Tray 600mm   **383982-B21**
Rack-top Cable Tray 800mm   **383983-B21**
Rack-to-rack aisle transfer bridge   **383984-B21**

These cables trays are placed on the roof of the 10000 Series rack to route cables and rid from visible cable clutter. Available in 600mm and 800mm long as we as an aisle transfer bridge to carry cables to the next aisle.

Rack Compatibility

Product Description	Compatible Racks	Part Number
Rack-top Cable Tray 600mm	10000 Series	383982-B21
Rack-top Cable Tray 800mm	10000 Series	383983-B21
Rack-to-rack aisle transfer bridge	10000 Series	383984-B21

5000 Series Rack Options:
Worldwide
5000 Series Front Door   **376440-B21**
5000 Series Baying Kit   **374499-B21**
5000 Series Stabilizer Kit   **374493-B21**

Rack Compatibility

Product Description	Compatible Racks	Part Number
5000 Series Front Door	5000 Series	376440-B21
5000 Series Baying Kit	5000 Series	374499-B21
5000 Series Stabilizer Kit	5000 Series	374493-B21