Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

This document provides mounting features and key dimensions of the rack rails used for mounting many Dell Technologies enterprise systems and peripheral devices in a rack enclosure.

Contents

Figures

Tables

Introduction

This document provides information about the mounting features and key dimensions of the rack rails used for mounting many Dell Technologies™ enterprise systems and peripheral devices in a rack enclosure. This document also provides a compatibility summary for select Dell Technologies racks as well as some common third-party racks. Note that the product list is not all-inclusive and updates will be made as needed.

The dimensions provided in this document are for reference only. Some minor deviations due to manufacturing tolerances and variances should be expected.

Dell Technologies rail kits may not be compatible with racks from other vendors, however, all Dell Technologies rail kits are designed for compliance with all EIA-310-D and later revision specifications for 19-inch racks.

Considerations

Please pay attention to the footnotes indicated in the tables because they provide important information on using the rails in different racks and circumstances.

It is assumed that rack mount peripherals and cable bundles do not protrude into the space directly behind the systems.

Note that Dell Technologies rail kits with a Rail Identifier code have been designed to be compliant with the *Server System Infrastructure (SSI) Specification for Computer Server Cabinet Enclosures & Racks*, which specifies a minimum offset distance for return flanges on the rack mounting flanges to allow sufficient room for mounting the rail kits, as indicated in Figure 1. For more information about the *Server System Infrastructure (SSI) Specification for Computer Server Cabinet Enclosures & Racks*, see the SSI Forum at ssiforum.org.

Figure 1.   Top view of right front EIA mounting flange
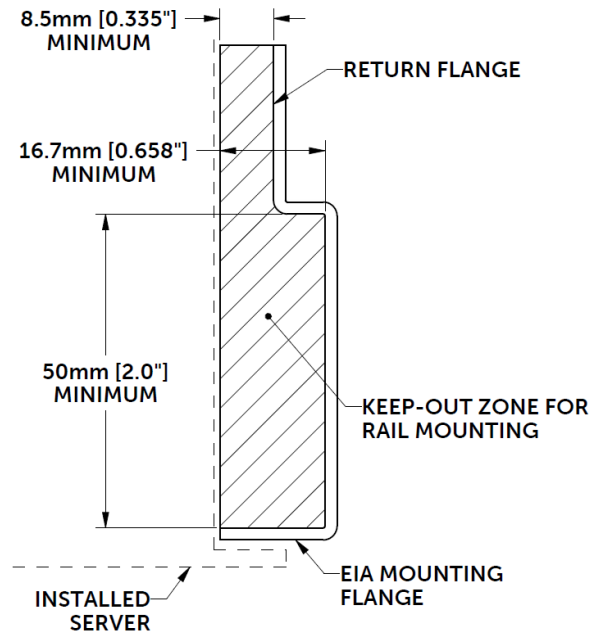
Some third-party racks may not meet this requirement, and although Dell Technologies has made extensive efforts to accommodate as many third-party racks as possible, it is not feasible to provide a solution for every circumstance.

Rack Types – 2-post and 4-post

Dell Technologies rail kits install into two different rack types with various flange hole designs. These rack types are broken down in Table 2 into 4-post and 2-post styles. 4-post rack types contain vertical mounting flanges with either square-hole, unthreaded round-hole, or threaded round-hole designs as part of the rack and rail interface. 2-post rack types generally contain threaded round-hole designs and require users to mount the server in either the front or center mount orientations. Only stab-in static rail designs that support 2-post rack configurations may be installed into a 2-post rack and commonly require additional hardware to secure the rails to the rack. For more information, refer to the definitions section for Table 2.

Mounting interface

The ReadyRails™ II mounting interface supports tool-less installation in 4-post square-hole and unthreaded round-hole racks as well as native support for tooled installation in threaded-hole racks. Note that installing this mounting interface in a square-hole rack allows the bracket to be placed flush against the mounting post, while installation in a round-hole rack results in a slight offset of approx. 6 mm from the mounting post, which also results in an approx. 6 mm bezel offset; refer to Figure 2.
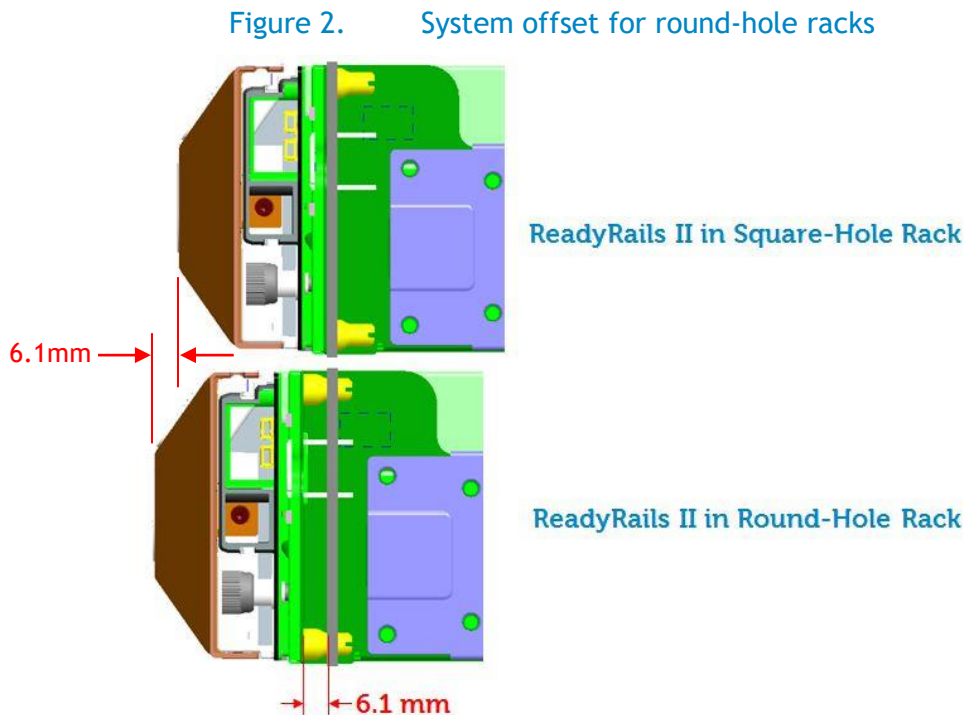
Figure 2.   System offset for round-hole racks

ReadyRails II in Square-Hole Rack

6.1mm

ReadyRails II in Round-Hole Rack

6.1 mm

The original **ReadyRails** mounting interface is used for both static and sliding rails, and it supports tool-less installation in 4-post square-hole and unthreaded round-hole racks. Static ReadyRails kits also support tooled installation in threaded-hole racks and 2-post racks. When installed in unthreaded round-hole racks, the original ReadyRails will also have the 6 mm offset from the mounting post that was discussed in the previous ReadyRails II paragraph. In order to install sliding ReadyRails kits into a threaded-hole rack, adapter brackets are required. 1U and 2U adapter bracket kits are available that support systems ranging from 1U to 5U in height.

The adapter bracket kits include six brackets to accommodate different rail lengths, plus four sets of custom screws in 10-32, 12-24, M5 and M6 thread sizes. The design of the brackets has been optimized to limit the forward shift of the system in the rack to only 17.3 mm. Depending on the depth of the rack used and the position of the mounting rails within the rack, it may be necessary to remove the system's bezel in order to close the front door of the rack. For the front door to close with the system

bezel installed, a minimum clearance of 58 mm is needed between the back surface of the door panel and the front face of the EIA flange.

The **RapidRails™** mounting interface supports tool-less installation in 4-post square-hole racks only, while the **VersaRails™** mounting interface supports tooled installation in 4-post square-hole and unthreaded round-hole racks. Mounting the VersaRails in threaded-hole racks is not recommended and is not supported by Dell Technologies.

The **Generic** mounting interface encompasses all other mounting interfaces outside of the ones listed above. Unless indicated to be tool-less, tools are required for installation.

Rail types - System Installation Method

Drop-in/Stab-in rails (Combo Rail) are a feature rich rail solution that allows a system to be fully extended out of the rack for service and the user has the option to install the system into the rail using a drop-in method like the ReadyRails sliding rails, or a stab-in method like the ReadyRails static rails. Drop-in/Stab-in rails support CMA or SRB applications. CMA and SRB applications must be detached in order to remove the inner member from the rails.

A "drop-in" design means that the system is installed vertically into the rails by inserting the standoffs on the sides of the system into the "J-slots" in the inner rail members with the rails in the fully extended position. The recommended method of installation is to first insert the rear standoffs on the system into the rear J-slots on the rails to free up a hand and then rotate the system down into the remaining J-slots while using the free hand to hold the rail against the side of the system.

A "stab-in" design means that the inner (chassis) rail members must first be attached to the sides of the system and then inserted into the outer (cabinet) members installed in the rack. For systems that are 2U and larger, it is recommended that two people perform this operation.

Sliding rails allow a system to be fully extended out of the rack for service. Most sliding rails support Cable Management Arms (CMAs) which enable the system to be extended out of the rack without disconnecting data/power cables at the rear of the system.

Unless otherwise indicated, all sliding rails are drop-in sliding rail design.

Static rails typically do not support the ability to service the system in the rack and are not compatible with the CMA. However, they do offer more flexibility in the types of racks and installations supported. Generally, there are two types of static rails: stab-in static and L-bracket static.

Stab-in static rails require the inner (chassis) rail members must first be attached to the sides of the system and then inserted into the outer (cabinet) members installed in the rack. For systems that are 2U and larger, it is recommended that two people perform this operation.

Stab-in Sliding rails require the inner (chassis) rail members must first be attached to the sides of the system and then inserted into the outer (cabinet) members installed in the rack and allow a system to be portion extended out of the rack for service. For systems that are 2U and larger, it is recommended that two people perform this operation. Most stab-in Sliding rails are compatible with CMA and SRB solutions.

L-bracket static rails do not support the ability to fully extend a system out of the rack into a service position. These rails typically are not compatible with cable management solutions unless otherwise indicated. Typically, equipment supported by L-bracket are customer serviceable from the front or rear of the rack.

Cable Management Solutions

To help manage the numerous cables associated with rack-mounted servers, a Cable Management Arm (CMA) or Strain Relief Bar (SRB) can be used. An optional CMA is offered with most sliding rails. CMAs attach on either the right or left side without tools.

Cable management arm (CMA) is a cable management accessory which connects to the rails behind the system. It allows a fully cabled system to be extended out of the rack into a service position.

Strain relief bar (SRB) is a cable management solution, which in most cases, attaches to the back of the rails via the strain relief bar brackets. Cables from the back of the chassis are placed across the top of the SRB and secured by straps.

SRBs are offered for select systems as an optional method for managing cables at the rear of the system due to the potential of a cable bundle size that exceeds the capacity of the CMA. The rail depth with a SRB is significantly less than that of a CMA, which in many cases, enables fitment of the rails in shallow racks. Cable service loops are required for systems on sliding rails to fully extend out of the rack for service.

Note that using a CMA or SRB with a deeper system may interfere with access to power distribution units (PDUs) in certain racks. If a configuration does not require CMA support, then the outer CMA mounting brackets can be removed from some of the sliding rail kits to reduce the overall length of the rails and eliminate potential interference with rear-mounted PDUs or the rack rear door.

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Backwards compatibility

Some systems may offer backward compatibility with the rail kits from previous-generation systems. This is not always possible, because changes to chassis features, dimensions or weight can prevent older rail kits from being used with newer systems. **Please refer to Table 1 for cross-generational compatibility of Dell Technologies servers and rails.**

Table 1.   Dell Technologies server rails compatibility chart

17th Generation product	Backwards compatibility with 16th generation rails/CMAs		
	Sliding rails	CMA	Static rails
R670	✔	✔	✔
R770	✔	✔	✔
R570	✔	✔	✔
R470	X	X	X
R7715	✔	✔	✔
R7725	✔	✔	✔
R6715	✔	✔	✔
R6725	✔	✔	✔

16th Generation product	Backwards compatibility with 15th generation rails/CMAs		
	Sliding rails	CMA	Static rails
R260	N/A	N/A	✔
R360	✔	✔	✔
R760	X	✔★	X
R660	✔	✔★	✔
R7615	X	X	X
R7625	✔	✔★	✔
R6615	X	X	X
R6625	✔	✔★	✔
R760xd2	X	X	X
R660xs	✔	✔★	✔
R760xs	✔	✔★	✔
R760xa	X	N/A	X
R860	N/A	N/A	N/A
R960	N/A	N/A	N/A

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

15th Generation product	Backwards compatibility with 14th generation rails/CMAs		
	Sliding rails	CMA	Static rails
R250	N/A	N/A	✔
R350	✔	✔	✔
R650xs	✔	✔	✔
R450/R450xs	✔	✔	✔
R750xs	X	✔	X
R550/R550xs	X	✔	X
R6515	✔	✔	✔
R6525	N/A	N/A	N/A
R650	X	✔	X
R7515	✔	✔	✔
R7525	X	X	X
R750	✔	✔	✔
R750xa	N/A	N/A	N/A

14th Generation product	Backwards compatibility with 13th generation rails/CMAs		
	Sliding rails	CMA	Static rails
R240	N/A	N/A	✔
R340	X	✔	✔
R440	X	✔	✔
R540/R540xd	✔	✔	✔
R640	✔	✔	✔
R740/R740xd	✔	✔	✔
R740xd2	N/A	N/A	N/A
R840/940xa	X	X	X
R940	X	✔	N/A
C4140	N/A	N/A	✔
C64xx	N/A	N/A	✔
T440	X	✔	N/A
T640	✔	✔	N/A

✔ - Compatible   X – Not compatible
*Only with the previous generation sliding rail

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Self-Adjusting Slide Feature

For many 1U and 2U systems, rails have been standardized with a slim design that holds a wide system chassis to accommodate more features and functions. They also have a self-adjusting slide feature that accommodates different depths of systems, offering compatibility across multiple platform models. Refer to Figure 3 for an illustration of how the self-adjusting slide feature works.

Figure 3.   Self-Adjusting Slide Feature
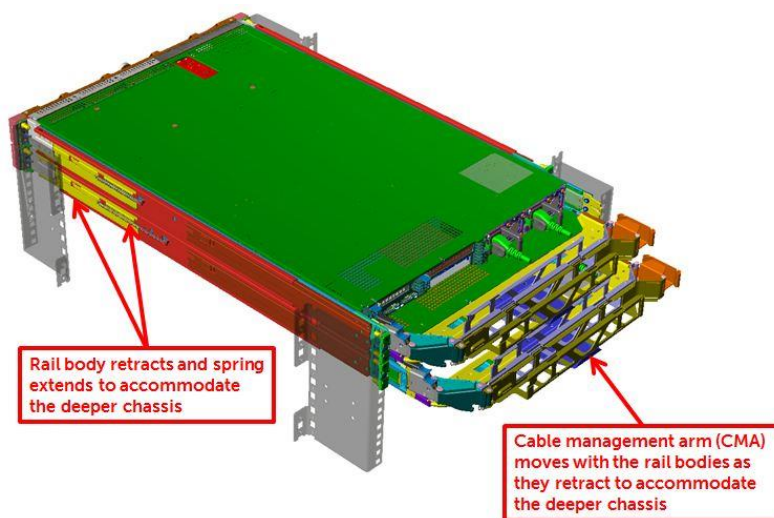
The rail adjustability range when the rails are installed in a rack is the same regardless of system depth since the feature is not utilized until a system is installed. If the system being installed in the rails requires this feature, the minimum rail adjustability limit is increased by the amount of travel the slide body needs to slide back to support the system. The minimum rail adjustability limit is documented in the resources listed at the end of this notice.

Users who have systems that utilize the feature might observe a slight amount of additional resistance from a spring in each rail when the system is almost completely installed in the rack. For most rails, the instance when the resistance is observed is within the final 55 mm of translation before the slam latch is engaged with the rail.

The rail slide-adjusting feature can be found on both sliding and drop-in/stab-in rail types. The rail adjustability range (mm) values listed in Table 2 for products that utilize this rail feature have been flagged with a footnote.

Definitions - Reference for Table 2

Rail identifier is a two-character code used on most rail kits to indicate compatibility between rails and systems. The two-character code consists of a letter followed by a one or two-digit number. It is typically located on a front inside surface on both the left and right sliding rail and drop-in/stab-in rail members. If there is a component of the rail kit that is attached to the chassis prior to installing the system into a rack, such as with the stab-in static rails, the identifier is located closer to the center of the component.

Square-hole describes a 4-post rack mounting flange type where rails utilize Square holes sized according to EIA-310-D standard for mounting.

Round-hole describes a 4-post rack mounting flange type where rails utilize Unthreaded-Round holes sized according to EIA-310-D standard for mounting.

Threaded-hole describes a 4-post rack mounting flange type where rails utilize Threaded-round holes for mounting. Threaded-round holes may require additional hardware for mounting and hardware may vary by thread type. See footnotes in table 2 for specific information on threaded-round hole mounting.

Mounting interface describes the type of rail bracket design used for mounting the rail in the rack.

Rail adjustability range represents the allowable distance between the outside-facing surfaces of the front and rear mounting posts of the rack when a system is fully installed. This does not include the portion of the rail kit or other rail components that may extend beyond the mounting posts.

Rail depth represents the minimum depth of the rail as measured from the rack front mounting posts when the rail rear bracket is positioned all the way forward. The rail may extend beyond the rear bracket, particularly for sliding rail kits to support CMA or SRB attachment. In some instances, the chassis may extend beyond the minimum rail depth, and in such cases, please refer to the footnotes in Table 2.

Table 2.   DELL Technologies Rail Sizing Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
R640 (8-HDD)	A7	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	861	631	883	720[b]	845
	A8	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622[n]	-
	A10	Generic Tool-less	Drop-in/Stab-in	✓	✓	✓w	X	X	559	931	559	931	559	931	720[b]	845
R640 (4-HDD/10-HDD)	A7	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	681[p]	868	667[p]	861	681[p]	883	770[b]	895
	A8	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622[n]	-
	A10	Generic Tool-less	Drop-in/Stab-in	✓	✓	✓w	X	X	613[p]	931	613[p]	931	613[p]	931	770[b]	895
R6525 (8-HDD) R650 (8-HDD) R660/R6615/R6625 (0-HDD/8-HDD)	A15	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	862	631	884	736[b]	862 (770/792)
	A14	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	880	594	870	605	893	622[n]	-
	A16	Generic Tool-less	Drop-in/Stab-in	✓	✓	✓w	X	X	559	994	559	994	559	944	736[b]	862 (770/792)
R6525 (4-HDD/10-HDD) R650 (4-HDD/10-HDD) R660/ R6615/R6625 (4-HDD/10-HDD/E3/LO-Z) R670/R6725/R6715/R470	A15	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	862	631	884	787[b]	913 (821/843)
	A14	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	880	594	870	605	893	622[n]	-
	A16	Generic Tool-less	Drop-in/Stab-in	✓	✓	✓	X	X	610	994	610	994	610	994	787[b]	913 (821/843)
R340 (8-HDD) R350 (8-HDD) R360 (8-HDD)	A12	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	861	631	883	720[b]	845
	A8	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622[n]	-

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
R340 (4-HDD) R350 (4-HDD) R360 (4-HDD)	A12	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	681[p]	868	667[p]	861	681[p]	883	770[b]	895
	A8	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
R440 (8-HDD) R450 (8-HDD) R6415 (8-HDD) R6515 (8-HDD) R650xs (0-HDD/8-HDD) R660xs(0-HDD/8-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
	A11	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	559	931	559	931	559	931	720[b]	845 (761/783)
R440 (4-HDD/10-HDD) R450 (4-HDD) R6415 (4-HDD/10-HDD) R6515 (4-HDD/10-HDD) R650xs (4-HDD/10-HDD) R650xs (8-HDD NVME) R660xs (4-HDD/10-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
	A11	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	609[p]	931	609[p]	931	609[p]	931	770[b]	895 (811/833)
R540/R540xd R740/R740xd/ R7415/R7425/R7515	B6	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	631	868	617	861	631	883	714[b]	845
	B4	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
	B13	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	559	931	559	931	559	931	714[b]	845
R550 R750xs R760xs	B20	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
	B21	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	631	868	617	861	631	883	714[b]	845 (749/769)
	B22	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓	X	X	559	931	559	931	559	931	714[b]	845 (749/769)
R7525 R750	B6	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	685[p]	868	671[p]	861	685[p]	883	766[b]	895 (802/822)
	B4	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	608	898	622[n]	-
	B13	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	609[p]	931	609[p]	931	609[p]	931	779[b]	899 (802/822)

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				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
R760/R7615/R7625 R770/R7715/R7725/R570	B20	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
	B21	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	685[p]	868	671[p]	861	685[p]	883	766[b]	895 (802/822)
	B22	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓	X	X	609[p]	931	609[p]	931	609[p]	931	766[b]	895 (802/822)
R750xa	B19	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	607	919	607	919	607	919	895	(917/937)
	B17	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
R760xa	B25	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	606	920	606	920	606	920	937	(975/997)
	B33	ReadyRails	Stab-in, Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
R770 Cold Aisle	B35	ReadyRails II	Stab-in, Static	✓	✓	✓[a,c,d]	X	X	637	873	622	858	637	888	924	-
R670 Cold Aisle	A28	ReadyRails II	Stab-in, Static	✓	✓	✓[a,c,d]	X	X	637	873	622	858	637	888	941	-
R740xd2	-	Generic Tool-less	L-Bracket Static	✓	✓	X	X	X	609[a]	917	609[a]	917	-	-	-	-
R760xd2	B23	Generic Tool-less	Stab-in Sliding[h,t]	✓	✓	✓[w]	X	X	606	920	606	920	606	920	931[b]	1060 (969/991)
R840	B15	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	559	931	559	931	559	931	847	(900/922[l])
R860	B19	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	607	919	607	919	607	919	847	1059 (909/929)
	B24	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	609	881	594	874	615	899	622[n]	-
R940	B12	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	600	894	586	887	600	909	773[b]	926(877)
R960	B19	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	607	919	607	919	607	919	874	1059 (909/929)
R940xa	B16	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	600	931	600	931	600	931	842	(898/921[l])

11

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

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				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
FX2/FX2s	B10	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	677	815	665	809	677	830	836	888
	B11	ReadyRails II	Stab-in Static	✓	✓	✓[a,c]	X	X	644	916	632	910	644	930	828	-
C4130/C4140	A9	ReadyRails II	Stab-in Static[h]	✓	✓	✓[a,c,d]	X	X	643	916	631	910	643	930	766	-
T640	C4	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	686	756	672	749	686	771	756	840
T440	C2	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	686	756	672	749	686	771	760	840
VRTX	C3	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	608	915	594	908	608	930	756	845
R240/R250/R260	A4	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
M1000e	-	RapidRails	L-Bracket Static	✓	X	X	X	X	712	755	-	-	-	-	703	-
	-	VersaRails	L-Bracket Static	✓	✓	X	X	X	706	755	706	755	-	-	703	-
MX7000	C5	ReadyRails II	L-Bracket Static	✓	✓	X	X	X	592	876	578	869	-	-	[m]	(901)
XR2	A12	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	681[p]	868	667[p]	861	681[p]	883	770[b]	895
	A4	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
	-	Generic	Stab-in Static[t]	✓[g]	✓[g]	✓[g]	X	X	464	766	464	766	464	766	464[n]	-
XR11/XR12	A20	Generic Tool-less	Stab-in Sliding	✓	✓	✓	✓[a]	✓[a]	472	757	472	757	472	757	445[b]	605 (498/520)
	A21[S]	Generic Tool-less	Stab-in Sliding	X	✓	X	X	X	-	-	458	589	-	-	-	-
C1100	-	Generic Tool-less	Sliding	✓	✓	X	X	X	665	950	665	950	-	-	685	-
C2100	-	Generic	Sliding	✓	✓	✓	X	X	664	1110	664	1110	664	1110	720	-
C410x	-	VersaRails	Stab-in Static	✓	✓	X	X	X	737	972	737	972	-	-	734	-

PowerEdge C

DELLTechnologies

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
C5xxx	-	Generic Tool-less	L-Bracket Static	✓	✓	X	X	X	708	947	708	947	-	-	705	-
C64xx C65xx C66xx	-	Generic Tool-less	L-Bracket Static	✓	✓	X	X	X	609[a]	917	609[a]	917	-	-	-	-
C8000	-	Generic Tool-less	L-Bracket Static	✓	✓	X	X	X	708	946	708	946	-	-	713	-
HS5620	B20	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
HS5620	B21	ReadyRails II	Sliding	✓	✓	✓[a,c,d]	X	X	631	868	617	861	631	883	714[b]	845 (749/769)
HS5620	B22	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓	X	X	559	931	559	931	559	931	714[b]	845 (749/769)
HS5610 Cold Aisle	A22	ReadyRails II	Stab-in, Static	✓	✓	✓[a,c,d]	X	X	608	916	594	909	610	641	897	-
HS5610(0-HDD/8-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
HS5610(0-HDD/8-HDD)	A11	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	559	931	559	931	559	931	720[b]	845 (761/783)
HS5610(4-HDD/10-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓[a,c]	✓[a,c]	✓[c]	608	879	594	872	610	898	622[n]	-
HS5610(4-HDD/10-HDD)	A11	Generic Tool-less	Drop-in/ Stab-in	✓	✓	✓[w]	X	X	609[p]	931	609[p]	931	609[p]	931	770[b]	895 (811/833)
XR4000R	A23	Generic Tool-less	Stab-in Sliding	✓	✓	✓[a]	X	X	552	763	552	763	552	763	559[b]	-
XR4000R	A24	Generic Tool-less	Stab-in Sliding	✓	✓	✓[a]	X	X	342	554	342	554	342	554	358[b]	-
XR4000R	A25[s]	Generic Tool-less	Stab-in Sliding	X	✓	X	X	X	-	-	426	569	-	-	-	-

PowerEdge CSP

PowerEdge XR

13

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
XR8000R	B31	Generic Tool-less	L-Bracket Static	✓	✓	✓a	✓	✓	293	516	293	516	293	516	448	-
	B36	Generic Tool-less	L-Bracket Static	✓	✓	✓a	✓	✓	293	516	293	516	293	516	448	
XR5610	A26	Generic Tool-less	Stab-in Sliding	✓	✓	✓a	X	X	472	766	472	766	472	766	544	672 (581/604)
	A27[S]			X	✓	X	X	X	-	-	432	562	-	-	-	-
XR7620	B29	Generic Tool-less	Stab-in Sliding	✓	✓	✓a	✓	✓	472	794	472	794	472	794	544	658 (580/603)
	B30[S]			X	✓	X	X	X	-	-	432	562	-	-	-	-
XE2420	-	Generic	Stab-in Static Standard	✓	✓	✓a,r	X	X	625	883	625	883	625	891	645[n]	-
			Stab-in Static Short	✓	✓	✓a,r	X	X	395	547	395	547	395	554	445[n]	
XE8640	B27	Generic Tool-les	Stab-in Sliding	✓	✓	✓w	X	X	609	924	609	924	609	924	827	935
XE9680	B28	Generic Tool-les	Stab-in Sliding	✓	✓	✓w	X	X	607	924	607	924	607	924	961	1075
XE9640	B25	Generic Tool-less	Stab-in Sliding	✓	✓	✓w	X	X	606	920	606	920	606	920	912	(945/967)
XE9680L/XE9685L	B38	Generic Tool-less	Stab-in Sliding	✓	✓	✓w	X	X	608	924	608	924	608	924	970	-
XE7740/XE7745	B37	Generic Tool-less	Stab-in Sliding	✓	✓	✓w	X	X	608	924	608	924	608	924	832	-

PowerEdge XE

14

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported 4-Post Square	4-Post Round	4-Post Thread	2-Post Flush	2-Post Center	Rail adjustability range (mm) Square Min	Square Max	Round Min	Round Max	Threaded Min	Threaded Max	Rail depth (mm) without CMA/SRB	with CMA(SRB)
KVM																
1081AD/2161AD 1082DS/2162DS 4322DS	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	794	506[Q]	-
180AS/2160AS 2161DS/2161DS-2 4161DS	-	Generic	Stab-in Static	✓	✓	✓	✓	✗	686	737	686	737	686	737	686	-
2321DS	-	Generic	Stab-in Static	✓	✓	✓	✓	✗	533	737	533	737	533	737	533	-
SWITCHES — Networking																
PC8132/PC8132F PC8164/PC8164F	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	794	506[Q]	-
S4820T/S6000	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	794	506[Q]	-
S5000	-	Generic	Stab-in Static	✓	✓	✓	✗	✗	680	830	680	830	680	830	680	-
Z9100	A5	ReadyRail	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	794	506[Q]	-
S4248	A5	ReadyRail	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	794	506[Q]	-
S41xx	A5	ReadyRail	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	764	506[Q]	-
S4048/S4048T	A5	ReadyRail	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	764	506[Q]	-
S6010	A5	ReadyRail	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	764	506[Q]	-
S3048	A5	ReadyRail	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	764	506[Q]	-
S6100	B9	ReadyRails II	L-Bracket Static	✓	✓	✓[a,c,d]	✗	✗	595	914	581	907	595	929	600	-
S6100NEBS	-	Generic	Stab-in Static	✗	✗	✗	✓	✗	-	-	-	-	-	-	-	-
N2128PX-ON	-	Generic	Stab-in Static	✗	✗	✗	✓	✗	-	-	-	-	-	-	-	-
N3132PX-ON	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	496	770	482	763	488	764	506[Q]	-

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
N1108T/N1108P	-	Generic	Stab-in Static	X	X	X	✔	X	-	-	-	-	-	-	-	-
N1124T/N1124P	-	Generic	Stab-in Static	X	X	X	✔	X	-	-	-	-	-	-	-	-
N1148T/N1148P	-	Generic	Stab-in Static	X	X	X	✔	X	-	-	-	-	-	-	-	-
N3024/N3048	A5	ReadyRails	Stab-in Static	✔	✔	✔	✔	✔	496	770	482	763	488	764	506^Q	-
S5148	A5	ReadyRails	Stab-in Static	✔	✔	✔	✔	✔	496	770	482	763	488	764	506^Q	-
S31xx	A5	ReadyRail	Stab-in Static	✔	✔	✔	✔	✔	496	770	482	763	488	764	506^Q	-
N30xx	A5	ReadyRail	Stab-in Static	✔	✔	✔	✔	✔	496	770	482	763	488	764	506^Q	-
R7910	B6	ReadyRails II	Sliding	✔	✔	✔[a,c,d]	X	X	631	868	617	861	631	883	714[b]	845
R7910	B4	ReadyRails	Stab-in Static	✔	✔	✔[a,c]	✔[a,c]	✔[c]	608	879	594	872	610	898	622	-
Precision 3930 Rack	A4	ReadyRails	Stab-in Static	✔	✔	✔[a,c]	✔[a,c]	✔[c]	608	879	594	872	610	898	622[n]	-
Precision 7920 Rack	B6	ReadyRails II	Sliding	✔	✔	✔[a,c,d]	X	X	631	868	617	861	631	883	714[b]	845
Precision 7920 Rack	B4	ReadyRails	Stab-in Static	✔	✔	✔[a,c]	✔[a,c]	✔[c]	608	879	594	872	610	898	622[n]	-
Precision 7920 Rack	B13	Generic Tool-less	Drop-in/ Stab-in	✔	✔	✔[w]	X	X	607[p]	931	607[p]	931	607[p]	931	714[b]	845
Precision 7960 Rack	B20	ReadyRails	Stab-in Static	✔	✔	✔[a,c]	✔[a,c]	✔[c]	608	879	594	872	610	898	622[n]	-
Precision 7960 Rack	B21	ReadyRails II	Sliding	✔	✔	✔[a,c,d]	X	X	685[p]	868	671[p]	861	685[p]	883	766[b]	895 (802/822)
Precision 7960 Rack	B22	Generic Tool-less	Drop-in/ Stab-in	✔	✔	✔	X	X	609[p]	931	609[p]	931	609[p]	931	766[b]	895 (802/822)
T7600/T7610	C2	ReadyRails II	Sliding	✔	✔	✔[a,c,d]	X	X	686	756	672	749	686	771	760	840

WORKSTATIONS

16

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

	Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
					4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
					Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
OTHER	R5500/R7610	B2	ReadyRails	Sliding	✓	✓	✓f	X	X	686	883	672	876	651	897	755b	883
KMM	FPM185 (without KVM)	-	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	604	900	590	893	604	914	-	611
KMM	FPM185 (with KVM)	-	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	705	900	691	893	705	914	-	715
KMM	17FP	-	RapidRails	Sliding	✓	X	X	X	X	714	755	-	-	-	-	-	787
KMM	17FP	-	VersaRails	Sliding	✓	✓	X	X	X	709	755	709	755	-	-	-	787
UPS	Dell Rack Mount UPS Family	B5	ReadyRails	Stab-in Static	✓	✓	✓f	X	X	518	769	504	762	483	783	526	-
OTHER	1U Fixed Equipment Shelf	A4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
STORAGE / PowerMax	PROXPE1 PROXPE2	B14	-	L-Bracket Static	✓u	✓u	✓u,v	X	X	558	914	558	914	558	914	600	1015
STORAGE / PowerVault™	NX3300/NX400	A7	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	861	631	883	720b	845
STORAGE / PowerVault™	NX3300/NX400	A8	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
STORAGE / PowerVault™	NX3200	B6	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	861	631	883	714b	845
STORAGE / PowerVault™	NX3200	B4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
STORAGE / PowerVault™	NX3500 Controller	A3	ReadyRails	Sliding	✓	✓	✓e	X	X	686	883	672	876	651	897	714b	835
STORAGE / PowerVault™	NX3500 Controller	A4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
STORAGE / PowerVault™	NX3500 UPS	A4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
STORAGE / PowerVault™	DX6000G	A4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported 4-Post Square	Round	Thread	2-Post Flush	Center	Rail adjustability range (mm) Square Min	Max	Round Min	Max	Threaded Min	Max	Rail depth (mm) without CMA/SRB	with CMA(SRB)
	A6	ReadyRails	Stab-in Static	✔	✔	✔a,c	✔a,c	✔c	508c	751	494c	744	519c	762	515c 376d	-
NX300/DX6004S	A3	ReadyRails	Sliding	✔	✔	✔e	X	X	686	883	672	876	651	897	714b	835
	A4	ReadyRails	Stab-in Static	✔	✔	✔a,c	✔a,c	✔c	608	879	594	872	610	898	622	-
NX3000/DX6000	B1	ReadyRails	Sliding	✔	✔	✔f	X	X	692	756	678	749	657	770	751	840
	A2	ReadyRails	Stab-in Static	✔	✔	✔a,c	✔a,c	✔c	588	828	574	821	592	846	608	-
NX3100/DL2200 DX6012S/DR4000	B3	ReadyRails	Sliding	✔	✔	✔f	X	X	686	883	672	876	651	897	714b	845
	B4	ReadyRails	Stab-in Static	✔	✔	✔a,c	✔a,c	✔c	608	879	594	872	610	898	622	-
MD3060e/MD3660	-	VersaRail	L-Bracket Static	✔	✔	X	X	X	611	791	611	791	-	-	620	-
MD12xx/14xx/32xx/ 36xx/NX36xx	B9	ReadyRails II	L-Bracket Static	✔	✔	✔a,c,d	X	X	595	914	581	907	595	929	600	-
	-	RapidRails	L-Bracket Static	✔	X	X	X	X	732	758	-	-	-	-	729	-
	-	VersaRails	L-Bracket Static	✔	✔	X	X	X	714	758	714	758	-	-	721	-
MD1120	-	RapidRails	L-Bracket Static	✔	X	X	X	X	732	759	-	-	-	-	729	-
	-	VersaRails	L-Bracket Static	✔	✔	X	X	X	714	759	714	759	-	-	721	-
MD1000/MD3000	-	RapidRails	L-Bracket Static	✔	X	X	X	X	732	758	-	-	-	-	735	-
	-	VersaRails	L-Bracket Static	✔	✔	X	X	X	714	758	714	758	-	-	735	-
PV114T/PV114X	B7	ReadyRails	Stab-in Static	✔	✔	✔a,c	✔a,c	✔c	588	828	574	821	592	846	608	-
	-	RapidRails	Sliding	✔	X	X	X	X	722	750	-	-	-	-	792	870
	-	VersaRails	Sliding	✔	✔	X	X	X	701	745	701	745	-	-	792	870

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported 4-Post Square	Round	Thread	2-Post Flush	Center	Rail adjustability range (mm) Square Min	Max	Round Min	Max	Threaded Min	Max	Rail depth (mm) without CMA/SRB	with CMA(SRB)
PV124T	-	RapidRails	L-Bracket Static	✓	X	X	X	X	729	755	-	-	-	-	732	-
	-	VersaRails	L-Bracket Static	✓	✓	X	X	X	711	755	711	755	-	-	732	-
FS7500 Controller	A1	ReadyRails	Sliding	✓	✓	✓e	X	X	692	756	678	749	657	770	768b	887
	A2	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	588	828	574	821	592	846	608	-
FS7500 UPS	A4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
FS76xx/PS41xx PS61xx	B9	ReadyRails II	L-Bracket Static	✓	✓	✓a,c,d	X	X	595	914	581	907	595	929	600	-
	-	RapidRails	L-Bracket Static	✓	X	X	X	X	732	758	-	-	-	-	729	-
	-	VersaRails	L-Bracket Static	✓	✓	X	X	X	714	758	714	758	-	-	721	-
PS6500/6510	-	ReadyRails	Sliding	✓	✓	✓a,c	X	X	597	793	583	786	605	817	885	885
PS4000/6000/6010	-	Generic	L-Bracket Static	✓	✓a	✓a	X	X	616	914	616	914	616	914	616	-
SC8000	B6	ReadyRails II	Sliding	✓	✓	✓a,c,d	X	X	631	868	617	861	631	883	714b	845
	B4	ReadyRails	Stab-in Static	✓	✓	✓a,c	✓a,c	✓c	608	879	594	872	610	898	622	-
SC20xx/SC40xx	-	Generic	L-Bracket Static	✓	✓	✓A	X	X	611	914	614	914	614	914	-	-
SC2xx/FS86xx	B9	ReadyRails II	L-Bracket Static	✓	✓	✓a,c,d	X	X	595	914	581	907	595	929	600	-
	-	RapidRails	L-Bracket Static	✓	X	X	X	X	732	758	-	-	-	-	729	-
	-	VersaRails	L-Bracket Static	✓	✓	X	X	X	714	758	714	758	-	-	721	-
SCV30xx SC50xx SC7020	B9	ReadyRails II	L-Bracket Static	✓	✓	✓a,c,d	X	X	595	914	581	907	595	929	600	-

Left vertical section labels: EqualLogic™, Dell Compellent™

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail identifier	Mounting interface	Rail type	Rack types supported					Rail adjustability range (mm)						Rail depth (mm)	
				4-Post			2-Post		Square		Round		Threaded		without CMA/SRB	with CMA(SRB)
				Square	Round	Thread	Flush	Center	Min	Max	Min	Max	Min	Max		
Series 40	-	Generic	Sliding	✓	✓[g]	✓[g]	X	X	669	923	669	923	707[g]	961[g]	693	-
Fibre Channel	-	Generic	Stab-in Static[h]	✓	✓	✓	X	X	606	910	606	910	606	910	598	-
SAS (new rails)	-	Generic	Stab-in Static[h]	✓	✓	X	X	X	606	910	606	910	606	910	598	-
SAS (old rails)	-	Generic	Stab-in Static[h]	✓	✓	✓	X	X	682	885	682	885	682	885	598	-
NAS Gen3	-	Generic	Sliding	✓[i]	✓[i]	✓[i]	X	X	652	854	652	854	652	854	810	-

Notes:

[a] Minor conversion required

[b] With CMA brackets removed

[c] Mounting screws not included in the kit

[d] Mounting screw head diameter must be 10 mm or less

[e] Requires the 1U Threaded Rack Adapter Brackets Kit (Dell PN 8Y19G), which shifts the system forward in the rack by 17.3 mm

[f] Requires the 2U Threaded Rack Adapter Brackets Kit (Dell PN PKCR1), which shifts the system forward in the rack by 17.3 mm

[g] Requires adapter kit (included)

[h] System is serviceable while in the rack

[i] Requires additional rail guide (included in kit) for full serviceability

[j] With middle brackets removed

[k] With rear brackets removed (applies to 2-post or cantilever mount only)

[l] SRB is staged furthest to the rack door

[m] Rail depth is dependent on spacing between the front and rear mounting flanges of the rack – Add amount below based on flange type:

- Square hole (5.7mm)
- Round hole (11.8mm)

[n] Rail depth represents cabinet assembly only and does not represent inner rail component that attaches to chassis

[o] Footnote intentionally left blank

[p] Chassis type utilizes the Self-Adjusting Rail Feature to install properly into rack

[q] Depth maybe greater based on rail adjustability range

[r] Rail threaded mount only compatible with #10-32 thread type

[s] Rail is only intended for use with ruggedized transit case (Pelican custom rack 25-036329-01)

[t] Rail supports partial or full in rack service position

[u] Requires swap screws (included in Rail Kit), based on chassis rack ear type and Rack Installation guide

[v] The hole diameter of the threaded hole rack flange is required to be greater than 4mm

[w] The hole diameter of the threaded hole rack flange equal or greater than 10-32UNF-2B

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Table 3.   Dell Technologies rack compatibility matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
R640 (8-HDD)	A7	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A10	Generic Tool-less	Drop-in/Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓
R640 (4-HDD/10-HDD)	A7	ReadyRails II	Sliding	✓[3,4]	✓[2]	✓[2]	✓	✓[9]	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A10	Generic Tool-less	Drop-in/Stab-in	✓[3,4]	✓[2]	✓[2]	✓	✓[9]	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
R6525 (8-HDD) R650 (8-HDD) R660/R6615/R6625 (0-HDD/8-HDD)	A15	ReadyRails II	Sliding	✓[4,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
	A14	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A16	Generic Tool-less	Drop-in/Stab-in	✓[4,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
R6525 (4-HDD/10-HDD) R650 (4-HDD/10-HDD) R660/ R6615/R6625 (4-HDD/10-HDD/E3/LO-Z) R670/R6725/R6715/R470	A15	ReadyRails II	Sliding	✓[4,12]	✓[4,12]	✓[4,12]	✓	✓[13]	✓	✓[1]	✓[13]	✓[3,4]	X	X	✓	✓	✓[13]
	A14	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A16	Generic Tool-less	Drop-in/Stab-in	✓[4,12]	✓[4,12]	✓[4,12]	✓	✓[13]	✓	✓[1]	✓[13]	✓[3,4]	✓[14]	✓[14]	✓	✓	✓[13]
R340 (8-HDD) R350 (8-HDD) R360 (8-HDD)	A12	ReadyRails II	Sliding	✓[3,4]	✓[2]	✓[2]	✓	✓[9]	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
R340 (4-HDD) R350 (4-HDD) R360 (4-HDD)	A12	ReadyRails II	Sliding	✓[3,4]	✓[2]	✓[2]	✓	✓[9]	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
R440 (8-HDD) R450 (8-HDD) R6415 (8-HDD) R6515 (8-HDD) R650xs (0-HDD/8-HDD) R660xs(0-HDD/8-HDD	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A11	Generic Tool-less	Drop-in/ Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓
R440 (4-HDD/10-HDD) R450 (4-HDD) R6415 (4-HDD/10-HDD) R6515 (4-HDD/10-HDD) R650xs (4-HDD/10-HDD) R650xs (8-HDD NVME) R660xs(4-HDD/10-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A11	Generic Tool-less	Drop-in/ Stab-in	✓[3,4]	✓[2]	✓[2]	✓	✓[9]	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
R540/R540xd R740/R740xd/ R7415/R7425/R7515	B6	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	B13	Generic Tool-less	Drop-in/ Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓
R550 R750xs R760xs	B21	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
	B20	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	B22	Generic Tool-less	Drop-in/ Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
R760/R7615/R7625 R770/R7715/R7725/R570	B21	ReadyRails II	Sliding	✓[3,5,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
	B20	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	B22	Generic Tool-less	Drop-in/ Stab-in	✓[3,5,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
R7525 R750	B6	ReadyRails II	Sliding	✓[3,5,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	B13	Generic Tool-less	Drop-in/ Stab-in	✓[3,5,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
R750xa	B19	Generic Tool-less	Drop-in/ Stab-in	✓[4,6,12]	✓[5]	✓[5]	✓	✓[10,13]	✓[10,13]	✓[10,13]	✓[10]	✓	✓[14]	✓[14]	✓	✓[10,13]	✓[10,13]
	B17	ReadyRails	Stab-in Static	✓[4,6]	✓[4]	✓[4]	✓	✓[10]	✓[10]	✓[10]	✓[10]	✓	✓[15]	✓[15]	✓	✓[10,13]	✓[10,13]
R760xa	B25	Generic Tool-less	Drop-in/ Stab-in	✓[4,7,12]	✓[4,7]	✓	✓	✓[10,13]	✓[10,13]	✓[10,13]	✓[10,13]	✓[4,7,12]	✓[14]	✓[13,14]	✓[13]	✓[10,13]	✓[10,13]
	B33	ReadyRails	Stab-in Static	✓[4,7]	✓[4,7]	✓	✓	✓[10]	✓[10]	✓[10]	✓[10]	✓[4,7]	✓[14]	✓[14]	✓	✓[10]	✓[10]
R770 Cold Aisle	B35	ReadyRails	Stab-in, Static	✓[4,7]	✓[4,7]	✓	✓	✓[10]	✓[10]	✓[10]	✓[10]	✓[4,7]	X	X	✓	✓[10]	✓[10]
R670 Cold Aisle	A28	ReadyRails	Stab-in, Static	✓[4,7]	✓[4,7]	✓	✓	✓[10]	✓[10]	✓[10]	✓[10]	✓[4,7]	X	X	✓	✓[10]	✓[10]
R740xd2	-	Generic Tool-less	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[14]	✓[14]	✓	✓	✓

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
R760xd2	B23	Generic Tool-less	Stab-in Sliding	✓[4,7,12,13]	✓[4,7,12,13]	✓	✓[13]	✓[10,11,13,17]	✓[10,13]	✓[10,13]	✓[10,13]	✓[4,7,12,13]	X	X	✓[13]	✓[10,13]	✓[10,13]
R840	B15	Generic Tool-less	Drop-in/Stab-in	✓[4,6,12]	✓[5]	✓[5]	✓	✓[10]	✓[10]	✓[10,13]	✓[10]	✓	X	X	✓	✓[10]	✓[10,13]
R860	B19	Generic Tool-less	Drop-in/Stab-in	✓[4,7,12,13]	✓[7,13]	✓	✓[13]	✓[10,13]	✓[10,13]	✓[10,13]	✓[10,13]	✓[4,7,12,13]	✓[14]	✓[10,13,14]	✓[13]	✓[13]	✓[10,13]
R860	B24	ReadyRails	Stab-in Static	✓[4,6]	✓[6]	✓	✓	✓[10]	✓[10]	✓[10]	✓[10]	✓[4,6]	✓[15]	✓[15]	✓	✓	✓[10]
R940	B12	ReadyRails II	Sliding	✓[3,6,12]	✓[3,6,12]	✓[3,6,12]	✓	✓[13]	✓[13]	✓[13]	✓[13]	✓	✓[15]	✓[15]	✓	✓	✓
R960	B25	Generic Tool-less	Drop-in/Stab-in	✓[4,7,12,13]	✓[7,13]	✓	✓[13]	✓[10,13]	✓[10,13]	✓[10,13]	✓[10,13]	✓[14]	✓[10,13,14]	✓[14]	✓[13]	✓[13]	✓[10,13]
R940xa	B16	Generic Tool-less	Drop-in/Stab-in	✓[4,6,12]	✓[5]	✓[5]	✓	✓[10]	✓[10]	✓[10,13]	✓[10]	✓	X	X	✓	✓[10]	✓[10,13]
FX2/FX2s	B10	ReadyRails II	Sliding	✓[4,6,12]	✓[5]	✓[5]	✓	✓[10]	✓[10]	✓[10,13]	✓[10]	✓[4,6,12]	X	X	✓	✓[10]	✓[10,13]
FX2/FX2s	B11	ReadyRails II	Stab-in Static	✓[4,6]	✓	✓	✓	✓[10]	✓[10]	✓[10]	✓[10]	✓[4,6]	X	X	✓	✓[10]	✓[10]
C4130/C4140	A9	ReadyRails II	Stab-in Static	✓[7]	✓[4,7,10]	✓[4,7,10]	✓[10]	X	X	X	X	✓[7]	X	X	✓[10]	X	X
VRTX	C3	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[15]	✓[15]	✓	✓	✓
R240/R250/R260	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
M1000e	-	RapidRails	L-Bracket Static	✓[4,5]	✓	✓	✓	✓	✓	✓	✓	✓[4,5]	X	X	✓	✓	✓
M1000e	-	VersaRails	L-Bracket Static	✓[4,5]	✓	✓	✓	✓	✓	✓	✓	✓[4,5]	X	X	✓	✓	✓

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
MX7000	C5	ReadyRails II	L-Bracket Static	✓4,6,16	✓16	✓16	✓16	✓10,16	✓10	✓10	✓10	✓4,6,16	✓15	✓15	✓	✓10	✓10
XR2	A12	ReadyRails II	Sliding	✓3,4	✓2	✓2	✓	✓9	✓	✓1	✓	✓3,4	X	X	✓	✓	✓
XR2	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓15	✓15	✓	✓	✓
XR2	-	Generic	Stab-in Static t	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XR11/XR12	A20	Generic Tool-less	Stab-in Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓14	✓14	✓	✓	✓
XR11/XR12	A21[18]	Generic Tool-less	Stab-in Sliding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C1100	-	Generic Tool-less	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
C2100	-	Generic	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
C410x	-	VersaRails	Stab-in Static	✓8	✓8	✓8	✓8	✓8	✓	✓	✓8	✓8	X	X	X	X	✓
C5xxx	-	Generic Tool-less	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
C64xx C65xx C66xx	-	Generic Tool-less	L-Bracket Static	✓	✓	✓	✓	✓16	✓	✓	✓	✓	✓14	✓14	✓	✓	✓
C8000	-	Generic Tool-less	L-Bracket Static	✓4	✓	✓	✓	✓	✓	✓	✓	✓4	X	X	✓	✓	✓
C8000	-	Generic Tool-less	Sliding	✓4,6	✓4,11	✓4,11	✓11	✓	✓	✓	✓	✓4,6	X	X	✓	✓	✓

PowerEdge C

26

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
HS5620	B21	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
HS5620	B20	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
HS5620	B22	Generic Tool-less	Drop-in/Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓
HS5610 Cold Aisle	A22	ReadyRails	Stab-in, Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
HS5610(0-HDD/8-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
HS5610(0-HDD/8-HDD)	A11	Generic Tool-less	Drop-in/Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓
HS5610(4-HDD/10-HDD)	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
HS5610(4-HDD/10-HDD)	A11	Generic Tool-less	Drop-in/Stab-in	✓[3,4]	✓[2]	✓[2]	✓	✓[9]	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
XR4000R	A23	Generic Tool-less	Stab-in Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XR4000R	A24[18]	Generic Tool-less	Stab-in Sliding	X	X	X	X	X	X	X	X	X	X	X	X	X	X
XR4000R	A25[18]	Generic Tool-less	Stab-in Sliding	X	X	X	X	X	X	X	X	X	X	X	X	X	X
XR8000R	B31[18]	Generic Tool-less	L-Bracket Static	X	X	X	X	X	X	X	X	X	X	X	X	X	X
XR8000R	B36[18]	Generic Tool-less	L-Bracket Static	X	X	X	X	X	X	X	X	X	X	X	X	X	X
XR5610	A26	Generic Tool-less	Stab-in Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XR5610	A27[18]	Generic Tool-less	Stab-in Sliding	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PowerEdge CSP

PowerEdge XR

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
XR7620	B29	Generic Tool-less	Stab-in Sliding	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
XR7620	B30[18]			X	X	X	X	X	X	X	X	X	X	X	X	X	X
XE2420	-	Generic Tool-less	Stab-in Static Standard	✔[17]	✔[17]	✔[17]	✔[17]	✔[17]	✔[17]	✔[17]	✔[17]	✔[17]	X	X	✔[17]	✔[17]	✔[17]
XE8640	B27	Generic Tool-less	Stab-in Sliding	✔[6,12]	✔[7]	✔	✔	✔[13]	✔[13]	✔[13]	✔[13]	✔[6,13]	✔[14]	✔[13,14]	✔	✔[13]	✔[13]
XE9680	B28	Generic Tool-less	Stab-in Sliding	X	X	✔[4,12]	X	X	X	X	X	X	✔[4,12,14]	X	X	X	X
XE9640	B25	Generic Tool-less	Drop-in/ Stab-in	✔[4,7,12,13]	✔[4,7]	✔	✔	✔[10,13]	✔[10,13]	✔[10,13]	✔[10,13]	✔[4,7,12,13]	✔[14]	✔[13,14]	✔	✔[10,13]	✔[10,13]
XE9680L/XE9685L	B38	Generic Tool-less	Stab-in Sliding	X	X	✔[4,7]	X	X	X	X	X	X	✔[4,14]	X	X	X	X
XE7740/XE7745	B37	Generic Tool-less	Stab-in Sliding	X	X	✔[4,6]	X	X	X	X	X	X	✔[4,14]	X	X	X	X

PowerEdge XE

28

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

		Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
SWITCHES	KVM	1081AD/2161AD/1082DS/2162DS 4322DS	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
SWITCHES	KVM	180AS/2160AS 2161DS/2161DS-2/4161DS 2321DS	-	Generic	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
SWITCHES	Networking	PC8132/PC8132F / PC8164/PC8164F	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
SWITCHES	Networking	S4820T/S6000	A5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
SWITCHES	Networking	S5000	-	Generic	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
WORKSTATIONS		R7910	B6	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	-	-	✓	✓	✓
WORKSTATIONS		R7910	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
WORKSTATIONS		Precision 3930 Rack	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
WORKSTATIONS		Precision 7920 Rack	B6	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
WORKSTATIONS		Precision 7920 Rack	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
WORKSTATIONS		Precision 7920 Rack	B13	Generic Tool-less	Drop-in/ Stab-in	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[14]	✓[14]	✓	✓	✓

29

	Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
	Precision 7960 Rack	B21	ReadyRails II	Sliding	✓[3,5,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	X	X	✓	✓	✓
		B20	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓[1]	✓	✓	✓[15]	✓[15]	✓	✓	✓
		B22	Generic Tool-less	Drop-in/ Stab-in	✓[3,5,12]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3,4]	✓[14]	✓[14]	✓	✓	✓
	T7600/T7610	C2	ReadyRails II	Sliding	✓[2]	✓[11]	✓[11]	✓[11]	✓	✓	✓[1]	✓	✓[2]	-	-	✓	✓	✓
	R5500/R7610	B2	ReadyRails	Sliding	✓[3]	✓[2]	✓[2]	✓	✓	✓	✓[1]	✓	✓[3]	-	-	✓	✓	✓
KMM	FPM185 (without KVM)	-	ReadyRails II	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	X	✓	✓
	FPM185 (with KVM)	-	ReadyRails II	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	X	✓	✓
	17FP	-	RapidRails	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
	17FP	-	VersaRails	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
UPS	Dell Rack Mount UPS Family	B5	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓		✓
OTHER	1U Fixed Equipment Shelf	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓
STORAGE	PROXPE1 PROXPE2	B14	-	L-Bracket Static	✓[6,13,16]	✓	✓	✓[13]	✓[13]	✓[13]	✓[13]	✓[13]	✓	✓	✓	✓[13]	✓[13]	✓[13]

30

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

PowerVault

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
NX3300/NX400	A7	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	X	X	X	✓	✓	✓
	A8	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓[15]	✓	✓	✓
NX3200	B6	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	X	X	X	✓	✓	✓
	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓[15]	✓	✓	✓
NX3500 Controller	A3	ReadyRails	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	X	X	X	✓	✓	✓
	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓[15]	✓	✓	✓
NX3500 UPS	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
DX6000G	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
	A6	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
NX300/DX6004S	A3	ReadyRails	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
NX3000/DX6000	B1	ReadyRails	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
	A2	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
NX3100/DL2200/	B3	ReadyRails	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓

31

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
DX6012S/DR4000	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
MD3060e/MD3660	-	VersaRails	L-Bracket Static	✓[4,6]	✓[4]	✓[4]	✓	✓[10]	✓[10]	X	✓[10]	✓[4,6]	X	X	✓	✓[10]	X
MD12xx/14xx/32xx/36xx	B9	ReadyRails II	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
NX36xx	-	RapidRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	X	✓	✓	X	X	X	✓	✓
NX36xx	-	VersaRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
MD1120	-	RapidRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	X	✓	✓	X	X	X	✓	✓
MD1120	-	VersaRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
MD1000/MD3000	-	RapidRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
MD1000/MD3000	-	VersaRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
PV114T/PV114X	B7	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
PV114T/PV114X	-	RapidRails	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
PV114T/PV114X	-	VersaRails	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	X	X	✓	✓	✓
PV124T	-	RapidRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
PV124T	-	VersaRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓

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Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

	Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
EqualLogic	FS7500 Controller	A1	ReadyRails	Sliding	✓3	✓2	✓2	✓	✓	✓	✓1	✓	✓3	X	X	✓	✓	✓
		A2	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓15	✓15	✓	✓	✓
	FS7500 UPS	A4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓15	✓15	✓	✓	✓
	FS76xx/PS41xx/PS61xx	B9	ReadyRails II	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓15	✓15	✓	✓	✓
		-	RapidRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	X	✓	✓	X	X	X	✓	✓
		-	VersaRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
	PS6500/6510	-	ReadyRails	Sliding	✓7	✓2	✓2	✓	✓	✓	X	✓	✓7	✓15	✓15	✓	✓	✓
	PS4000/6000/6010	-	Generic	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
Dell Compellent	SC20xx/SC40xx	-	Generic	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓15	✓15	✓	✓	✓

Dell Technologies Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Product	Rail Identifier	Mounting Interface	Rail Type	Dell-branded APC Racks (AR3100X717/AR3104X717)	Dell xx20	Dell xx20D/xx20S	Dell xx20W	Dell xx10	HP 10XXX	HP/Compaq 9XXX	IBM S2	APC Netshelter SX (600mm Wide x 1070mm Deep)	24" Post Rack Spacing TITAN-D/ TITAN S	24" Post Rack Spacing TITAN /TITAN SS	Liebert Foundation	Chatsworth Teraframe	Wrightline Vantage S2
SC8000	B6	ReadyRails II	Sliding	✓[2]	✓	✓	✓	✓	✓	✓[1]	✓	✓[2]	✓[15]	✓[15]	✓	✓	✓
SC8000	B4	ReadyRails	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
SC2xx/FS86xx	B9	ReadyRails II	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
SC2xx/FS86xx	-	RapidRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	X	✓	✓	X	X	X	✓	✓
SC2xx/FS86xx	-	VersaRails	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
SCV30xx/SC50xx/SC7020	B9	ReadyRails II	L-Bracket Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[15]	✓[15]	✓	✓	✓
Series 40	-	Generic	Sliding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fibre Channel	-	Generic	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SAS (new rails)	-	Generic	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
SAS (old rails)	-	Generic	Stab-in Static	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	✓	✓	✓
NAS Gen3	-	Generic	Sliding	✓[6]	✓	✓	✓	✓	✓	✓	✓	✓[6]	X	X	✓	✓	✓

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Notes:

[1] A rear door extension kit is required to accommodate the CMA.

[2] CMA may impede access to forward bank of rear-mount PDUs.

[3] CMA and outer CMA brackets must be removed in order to access the forward bank of rear-mount PDUs.

[4] Rear-mount PDUs may impede extraction of some rear system modules.

[5] The strain relief bar interferes with the forward bank of rear-mount PDUs.

[6] Rails/system block the forward bank of rear-mount PDUs.

[7] Rails/system block both the forward and rearward banks of rear-mount PDUs.

[8] The rear mounting flanges of the rack must be moved rearward.

[9] The CMA tray interferes with rear door lock rod in top U and bottom U.

[10] Space for external cable routing is limited.

[11] May need to adjust the rack's mounting posts back to allow the front door to close.

[12] CMA/SRB fully blocks front bank of rear-mount PDUs, and partially blocks the rearward PDU banks. Recommend rotating PDUs 90°.

[13] CMA/SRB must be removed to enable rear door to close for some or all racks in this column

[14] The rails align with bezels on Storage systems (unthreaded round-hole rack).

[15] The rails require tooled installation for bezel alignment with Storage systems (unthreaded round-hole rack).

[16] Strain relief bar might block a portion of the rearward bank of the rear-mount PDUs.

[17] Normal Inner rail member allows for tool-less bezel installation and does not enable front rack door to close.

[18] Rail is only intended for use within ruggedized transit case (Pelican custom rack 25-036329-01)

[19] Rail is only intended for telco short depth rack.