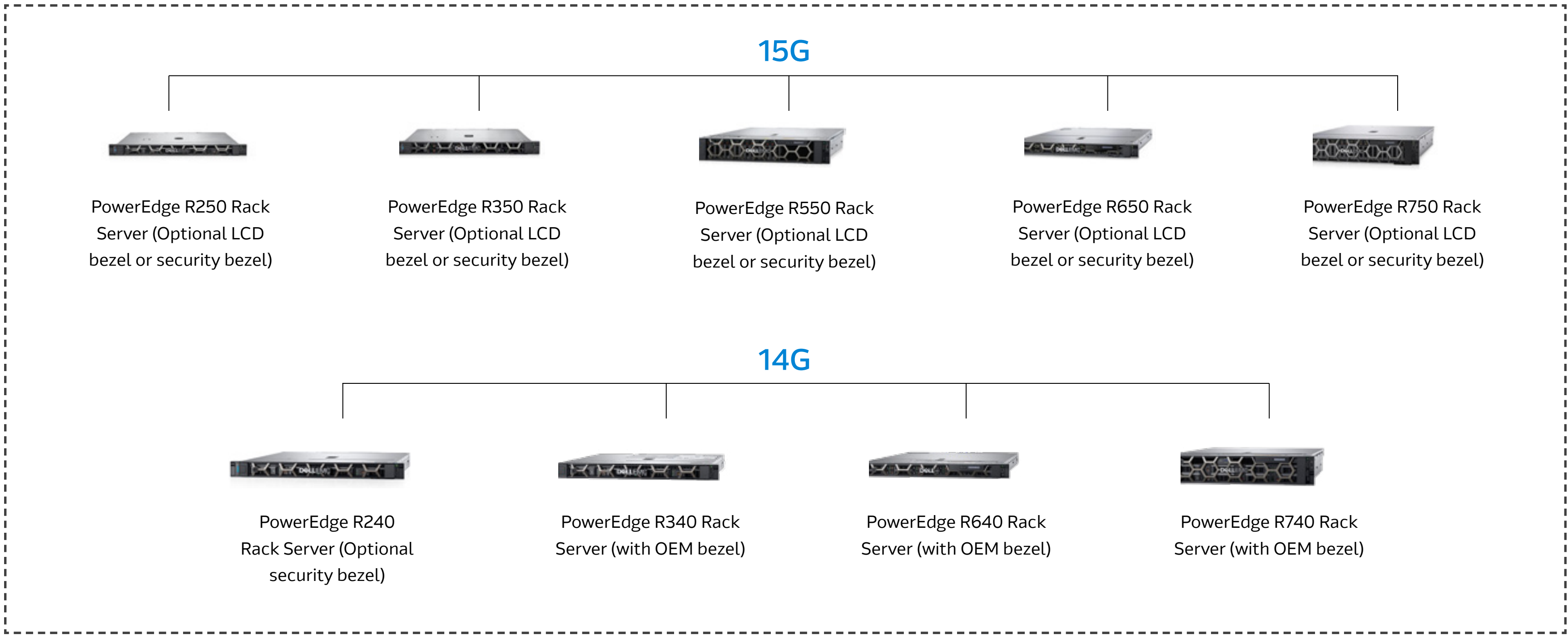


Arrow Pre-Validated Dell PowerEdge Rack Servers

Get to Market Faster

For OEMs and ISVs, managing computer hardware is challenging. Hardware is crucial to deliver their solution, ensure stable performance, and generate high customer satisfaction. Yet, there is less and less differentiation available in today's hardware designs. OEMs/ISVs can find themselves in a no-win situation where investment in hardware is critical but cannot provide a differentiated advantage.

Arrow's Reference Design offerings make your job easier with pre-designed and validated hardware platforms. We take the most popular models from leading brands, put them through our new product introduction process, and ensure readiness for scalable production. Arrow manages the lifecycle, selects the best component combinations for price and performance, and provides simple branding options.








Why Dell Technology OEM Solutions for OEMs and ISVs?





Arrow's portfolio of Dell Technology OEM Solutions Reference Designs meets the most common requirements for OEMs with solutions for storage, cybersecurity, healthcare, and machine learning. These models are pre-validated and ready for production, saving you time, and delivering a faster time-to-market.

Including XL and XD models for 14G only, XA and XS models for 15G. The XL models are an OEM Solutions differentiator that means Extra Long Life System. All CTO builds accepted.

15th Generation of PowerEdge Servers

Platform	Processor	Memory	Storage (Drive Bays)	BOSS Card	Power Supply	RAID Controller
 R250	Intel® Xeon® E-2300 Series Processor	Four DDR4 DIMM slots, supports UDIMM 128 GB max, speeds up to 3200 MT/s	<ul style="list-style-type: none">– Up to 4 x 3.5-inch hot swap SAS/SATA (HDD/SSD) max 30.72 TB– Up to 2 x 3.5-inch cabled SAS/SATA (HDD/SSD) max 15.36 TB– Up to 4 x 3.5-inch cabled SAS/SATA (HDD/SSD) max 30.72 TB	Available	<ul style="list-style-type: none">– 450 W Bronze 100-240 VAC, cabled– 450 W Platinum 100-240 VAC, cabled	<ul style="list-style-type: none">– Internal controllers: PERC H345, H355, H755, HBA355i, S150
 R350	Intel® Xeon® E-2300 Series Processor	Four DDR4 DIMM slots, supports UDIMM 128 GB max, speeds up to 3200 MT/s	<ul style="list-style-type: none">– Up to 4 x 3.5-inch SAS/SATA (HDD/SSD) max 64 TB– Up to 8 x 2.5-inch SAS/SATA (HDD/SSD) max 128 TB	Available	<ul style="list-style-type: none">– 600 W Platinum 100-240 VAC or 240 VDC redundant, hot swap	<ul style="list-style-type: none">– Internal controllers (RAID): PERC H355, PERC H355f, PERC H345, PERC H345f, H755, H755f, HBA355i, HBA355f, S150
 R550	Intel® Xeon® Scalable 3 rd Gen Processor	<ul style="list-style-type: none">– (BOSS-S2): HWRAID 2x M.2 SSDs or internal USB 3.0	Front bays: <ul style="list-style-type: none">– Up to 16 x 2.5-inch SAS/SATA (HDD/SSD) max 122.88 TB– Up to 8 x 3.5-inch SAS/SATA (HDD/SSD) max 128 TB– Up to 8 x 2.5-inch SAS/SATA (HDD) max 61.44 TB	Available	<ul style="list-style-type: none">– 1100 W DC/-48 – (-60) V– 600 W Platinum AC/240 V HVDC– 800 W Platinum AC/240 V HVDC	<ul style="list-style-type: none">– Internal Controllers (RAID): PERC H345, PERC H745, PERC H755, S150– External PERC (RAID): PERC H840
 R650	Intel® Xeon® Scalable 3 rd Gen Processor	<ul style="list-style-type: none">– (BOSS-S1): HW RAID 2 x M.2 SSDs 240 GB or 480 GB– (BOSS-S1): HW RAID 2 x M.2 SSDs 240 GB or 480 GB	Front bays: <ul style="list-style-type: none">– Up to 10 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 153 TB– Up to 4 x 3.5-inch SAS/SATA (HDD/SSD) max 64 TB– Up to 8 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 122.8 TB Rear bays: <ul style="list-style-type: none">– Up to 2 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 30.7 TB	Available	<ul style="list-style-type: none">– 800 W Platinum AC/240 mixed mode– 1100 W Titanium AC/240 mixed mode– 1400 W Platinum AC/240 mixed mode– 1100 W DC -48 - 60 V	<ul style="list-style-type: none">– External PERC (RAID): PERC H840, HBA355E
 R750	Intel® Xeon® Scalable 3 rd Gen Processor	<ul style="list-style-type: none">– (BOSS-S2): HW RAID 2 x M.2 SSDs 240 GB or 480 GB– (BOSS-S1): HW RAID 2 x M.2 SSDs 240 GB or 480 GB	Front bays: <ul style="list-style-type: none">– Up to 12 x 3.5-inch SAS/SATA (HDD/SSD) max 192 TB– Up to 8 x 2.5-inch NVMe (SSD) max 122.88 TB– Up to 16 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 245.76 TB– Up to 24 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 368.84 TB Rear bays: <ul style="list-style-type: none">– Up to 2 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 30.72 TB– Up to 4 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 61.44 TB	Available	<ul style="list-style-type: none">– 800 W Platinum AC/240 mixed mode– 1100 W Titanium AC/240 mixed mode– 1400 W Platinum AC/240 mixed mode– 2400 W Platinum AC/240 mixed mode	<ul style="list-style-type: none">– External PERC (RAID): PERC H840, HBA355E

14th Generation of PowerEdge Servers

Platform	Processor	Memory	Storage (Drive Bays)	BOSS Card	Power Supply	RAID Controller
 R240	Intel® Xeon® E-2200 Series Processor	4 x DDR4 DIMM slots, Supports UDIMM, up to 2666MT/s, 64GB Max	<ul style="list-style-type: none">– Up to 4 x 3.5 cabled SATA, SAS (optional) or SSD*– Up to 4 x 3.5 or 2.5 hot-plug SATA, SAS (optional) or SSD* *available in the hot-plug configuration	Available	Single 250 W (Bronze) or 450 W (Platinum)	<ul style="list-style-type: none">– Internal controllers: PERC H730P, H330, HBA330– External controllers: 12Gbps SAS HBA
 R340	Intel® Xeon® Scalable 2 nd Gen Processor	Up to 64 GB (4 x 16 GB)	<ul style="list-style-type: none">– 4x3.5" (48 TB max)– 8x2.5" (61 TB max)	Available	2x350 W	H330 or H730P
 R640	Intel® Xeon® Scalable 2 nd Gen Processor	Up to 384 GB (24 x 16 GB)	<ul style="list-style-type: none">– 12x2.5" (92 TB max)– 4x3.5" (64 TB max)	Available	2x750 W	H330P, H730P or H740P
 R740	Intel® Xeon® Scalable 2 nd Gen Processor	Up to 384 GB (24 x 16 GB)	<ul style="list-style-type: none">– 8x3.5" (128 TB max)– 16x2.5" (122 TB max)	Available	2x750 W	H330, H730P or H740P

Arrow Goes Beyond the Basics

Arrow's Reference Designs are a solid foundation on which to build your offering. We extend this foundation with additional engineering and support services to enhance your offering, including:

- Customization services
- Advanced product management services
- Design and engineering services
- Software/hardware benchmark testing
- Field installation
- Post-sales technical support to end-users and partners

Our extended services offering expands your hardware design, development, and management capabilities. The Arrow team of experts works with your team bringing industry knowledge, best practices, and the scale of Arrow to your business.

Arrow manages the lifecycle, selects the best component combinations for price and performance, and provides simple branding options.

In partnership with:



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