

Dell EMC PowerEdge rack servers help you build a modern infrastructure that minimizes IT challenges and drives business success. Choose from a complete portfolio of 1-2-and-4 socket rack servers to deliver high core density for your traditional applications, virtualization and cloud-native workloads. Enhanced memory speeds, faster NVMe storage options<sup>1</sup> and BIOS tuning allows you to match performance to your workload for ultimate efficiency.

PowerEdge Rack Servers	R6525	R7515	R6515	R940	R940xa	R840	R740xd	R740	R740xd2	R640	R540	R440	R340	R240
Key attributes	Dense virtualization	Powerful performance and scalability	High density compute	Powerful performance	Extreme acceleration	Turbocharge data analytics	Scalable storage performance	Optimal application performance	Enterprise content server	Performance and density	Balanced and adaptable	Scale-out computing	Accelerate business growth	Compute made simple
Target workloads	HPC, Dense VDI and Virtualization	SDS, Virtualization and Data Analytics	Virtualization, HCI and NFV	In-memory databases	GPU database acceleration and machine learning	Data-intensive workloads, HFT and dense virtualization	SDS, service providers, and big data servers	VDI and cloud workloads	Media streaming and SDS	Dense scale-out data center computing and storage	Mail messaging and virtualization	HPC, web tech and scale-out infrastructure	ROBO productivity and data-intensive applications	Small business and service provider workloads
Type of processor	2 x 2 <sup>nd</sup> Gen EPYC™ Processors; up to 64 cores per Processor	1 x 2 <sup>nd</sup> Generation AMD EPYC™ Processor; up to 64 cores per Processor	4 x 2 <sup>nd</sup> Generation Intel® Xeon® Scalable processors			2 x 2 <sup>nd</sup> Generation Intel® Xeon® Scalable processors				1 x Intel Xeon E-2200, Intel Core i3®, Intel Pentium®, or Intel Celeron® processor				
Memory (DDR4 DIMM slots & max)	32 (4TB)	16 (2TB)		48 (15.36TB)			24 (7.68TB)		16 (1TB)	24 (7.68TB)	16 (1TB)		4 (64GB)	
Disk drives up to:	8 x 2.5" 4 x 3.5"	12 x 3.5" 8 x 3.5"	8 x 2.5" 4 x 3.5"	24 x 2.5"	32 x 2.5"	26 x 2.5"	32 x 2.5" or 18 x 3.5"	16 x 2.5" or 8 x 3.5"	26 x 3.5" or 16 x 3.5" + 10 x 2.5" <sup>2</sup>	12 x 2.5" or 4 x 3.5"	14 x 3.5"	10 x 2.5" or 4 x 3.5"	8 x 2.5" or 4 x 3.5"	4 x 2.5" <sup>2</sup> or 4 x 3.5"
NVMe drives up to:	12	24	10	12	4	24		N/A		10	N/A	4	N/A	
Gen4 PCIe slots up to:	3	2	1	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	
Gen3 PCIe slots up to:	N/A	2	1	13	12	6	8		5	3	5	2	2	
Accelerator support up to:	2 x SW	4 x SW; 1 x FPGA	2 x SW	N/A	4 x DW GPUs or 4 x DW or 8 x SW FPGAs	2 x DW GPUs or 2 x SW or DW FPGAs	3 x DW or 6 x SW GPUs or 3 x DW or 4 x SW FPGAs		N/A	1 x SW GPU or 1 x SW FPGA	N/A			
Rack height (U)	1	2	1	3	4	2				1	2	1	1	

TPM 1.2/2.0 optional, Digitally Signed Firmware, Chassis Intrusion Alert and Secure Boot being standard security on all racks. Integrated security features such as Silicon Root of Trust, System Lockdown and System Erase come standard on all racks.