



Introducing Dell Poweredge XR-Series

High-performance and durability in any environment

Capture and process more data at the edge, with enterprise compute capabilities that move with your data and provide performance that thrives in harsh edge environments like never before.

No challenge is too great...



Future battlefields will demand mobile, enterprise-level performance to manage real-time intelligence gathering, assimilation and recommendations for quick, on-site decision-making.



A data-based 5G world demands high-powered, rugged and flexible servers. Dell PowerEdge XR servers are less than half the length of traditional servers. Front or rear connectivity makes them easy to install in small enclosures at the base of cell towers.



Promote the perfect shopping experience with tailored and synchronized automated mood lighting, digital suggestions, point of sale and more — all powered by compact compute running out of sight.



Drive Industry 4.0 with powerful computers enhanced with smart and autonomous robots that are fueled by data and machine learning. Combat the dusty, hot and humid manufacturing floor with powerful, rugged systems built specifically for those harsh conditions.

...with PowerEdge XR-Series Servers

Dell Technologies brings you Tier 1, enterprise-level, open and non-proprietary computing that is smaller, faster and more capable than ever before.



XR - series servers are compact and ruggedized. Select servers are tested to comply with MIL-STD, NEBS, and Marine.



On the outside, they are designed to **withstand combinations of dust, extreme temperatures, shock, and vibrations.**



On the inside, you can choose a **traditional or sled-based design** to best suit your footprint/space and Intel® technology for your performance needs.



Ruggedized for the extreme edge

Power your mission and expand your potential with PowerEdge XR4000, XR5610, XR7620 and XR8000 servers — true innovation engines.



	XR5610	XR7620
Component expandability	<ul style="list-style-type: none"> • Front-and rear-facing I/O • Integrated 4 x25/10GbE LOM PTP • Up to 2 risers providing OCP 3.0 and/or 2 PCIe Gen5 x16 card slots 	<ul style="list-style-type: none"> • Front-and rear-facing I/O • Up to 4x PCIe Gen4/5 slots • OCP 3.0 for network cards • 1x LP slot
Latest accelerators	<ul style="list-style-type: none"> • Up to 2x SW GPUs 	<ul style="list-style-type: none"> • 2x 300W (DW) or 4x 150W (SW)
Storage	<ul style="list-style-type: none"> • Up to 4x 2.5" SAS/SATA SSDs or NVMe® SSDs • Internal: Internal BOSS-N1 (2x M.2 NVMe) for boot 	<ul style="list-style-type: none"> • 4x 2.5" NVMe • 4x 2.5" SATA\SAS with PERC11 • 8x E3.S NVMe • 8x E3.S NVMe with PERC12
Other features	<ul style="list-style-type: none"> • Short-depth 1U • Certified rugged for operation in environmentally variant locations (MIL-STD and NEBS) 	<ul style="list-style-type: none"> • Short-depth 2U • Dual socket • Certified rugged for operation in environmentally variant locations (MIL-STD and NEBS)



	XR8000	XR4000
Component expandability	<ul style="list-style-type: none">• Broad range of configurability supporting up to 4 nodes with flexible I/O sled options:• 2U modular front-accessible chassis with dual power supply to support up to 4 nodes• 2U sled XR8620: 3x FHHL (Gen5)• 1U sled XR8610: 1x FHHL (Gen5)	<ul style="list-style-type: none">• Up to four PCIe Gen4 FHFL slots in rackable variant
Latest accelerators	<ul style="list-style-type: none">• 1x 300W GPU per node	<ul style="list-style-type: none">• 2x A2 or 1x A30 in the 2U sled configuration
Storage	<ul style="list-style-type: none">• 2x M.2 NVMe• Optional RAID• Up to 3.84TB, 22110 options	<ul style="list-style-type: none">• 1U sled: 4x M.2 NVMe drives; up to 15Tb• 2U sled: 12x M.2 NVMe drives; up to 46Tb
Other features	<ul style="list-style-type: none">• Short-depth• Front-accessible• 1U and 2U sled options• Extended temp (–20°C to 65°C) for select configurations• Both AC and DC power options• Full sled replacement for simplified field maintenance and service	<ul style="list-style-type: none">• XR4000z stackable/mountable chassis can fit: 2x 1U sled or 1x 2U sled + 1 witness node• XR4000r rackable chassis can fit: 4x 1U sled or 2x 1U sled + 1x 2U sled or 2x 2U sled + 1 witness node• Certified rugged for operations in environmentally variant locations (MIL-STD and NEBS)

Services and Support

Dell Technologies is with you every step of the way, linking people, processes and technology to accelerate innovation and enable optimal business outcomes, including [Support Services](#), Deployment Services, Managed Services, Residency Services, and Services for Data Security.

Intrinsic Security

Achieve confidence with servers designed with a [security-first approach](#) to mitigate threats in edge locations. Dell Technologies builds on our heritage of a robust silicon-based root of trust with a Secure Development Lifecycle that delivers protection at every step. Whether inside or outside of the data center our solutions ensure your data and operations remain secure.

Learn more

Contact your Dell Technologies sales representative or visit Dell.com/Servers.

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