Introducing New

DELL POWEREDGE XR SERVERS

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.

DELL Technologies

Überreicht durch:

systemworkx

IT-Lösungen & 3D Produktivität erleben

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intel

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 XR series PowerEdge 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,** depending on the model.

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.

Brochure

Ruggedized for the extreme edge

Power your mission and expand your potential with PowerEdge XR12, XR11, XR4000, XR5610, XR7620 and XR8000 servers — true innovation engines.

	XR5610	XR7620	XR8000
Component expandability	• 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	• Front-and rear-facing I/O • Up to 4x PCIe Gen4/5 slots • OCP 3.0 for network cards • 1x LP slot	• 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)
Latest accelerators	• Up to 2x SW GPUs	• 2x 300W (DW) or 4x 150W (SW)	• 1x 300W GPU per node
Storage	• Up to 4x 2.5" SAS/SATA SSDs or NVMe® SSDs • Internal: Internal BOSS-N1 (2x M.2 NVMe) for boot	• • 4x 2.5" NVMe • • 4x 2.5" SATA\SAS with PERC11 • • 8x E3.S NVMe • • 8x E3.S NVMe with PERC12	• 2x M.2 NVMe • Optional RAID • Up to 3.84TB, 22110 options
Other features	• Short-depth 1U • Certified rugged for operation in environmentally variant locations (MIL-STD and NEBS)	• Short-depth 2U • Dual socket • Certified rugged for operation in environmentally variant locations (MIL-STD and NEBS)	• 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

	XR12	XR11	XR4000R / XR4000Z
Component expandability	• Flexible I/O choices with five PCIe Gen4 slots	• Three PCIe Gen4 slots	• Up to four PCIe Gen4 FHFL slots in rackable variant
Latest accelerators	• Expanded GPU options with support for up to two NVIDIA® T4 cards or up to two NVIDIA A100, A10, or A40 GPU cards	• Up to two NVIDIA T4 GPU cards	• 2x A2 or 1x A30 in the 2U sled configuration
Storage	• Expanded storage with up to six SAS/SATA/NVMe SSDs	• Up to four SAS/SATA/NVMe SSDs	• 1U sled: 4x M.2 NVMe drives; up to 15Tb • 2U sled: 12x M.2 NvME drives; up to 46Tb
Other features	• Compact and flexible design with mounting model choices for front- or rear-facing I/O and power supplies for edge environments • High-speed memory capacity with Intel Optane™ Persistent Memory 200 series • Certified rugged for operation in environmentally variant locations (NEBS Level 3, MIL-STD and Marine) • Powerful remote systems management connectivity	• Compact and flexible design with mounting model choices for front- or rear-facing I/O and power supplies for edge environments • High-speed memory capacity with Intel Optane Persistent Memory 200 series • Certified rugged for operation in environmentally variant locations (NEBS Level 3, MIL-STD and Marine) • Powerful remote systems management connectivity	• 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 operation 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. Dell Technologies builds on our heritage of a strong silicon-based root of trust with a Secure Development Lifecycle that delivers protection at every step.

Learn more

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

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