

Meet the new PowerEdge XR2 Rugged Server

Rugged, ready and right along with you.

Built from the ground up for harsh environments, and featuring the latest Intel® Xeon® SP processors, the rackable compact size and certifications in shock, vibration, dust, humidity, EMI and maritime mean the XR2 is agile. The de-branding and customization capabilities mean it's versatile. So whoever you are and wherever you go, you can take rugged with you.





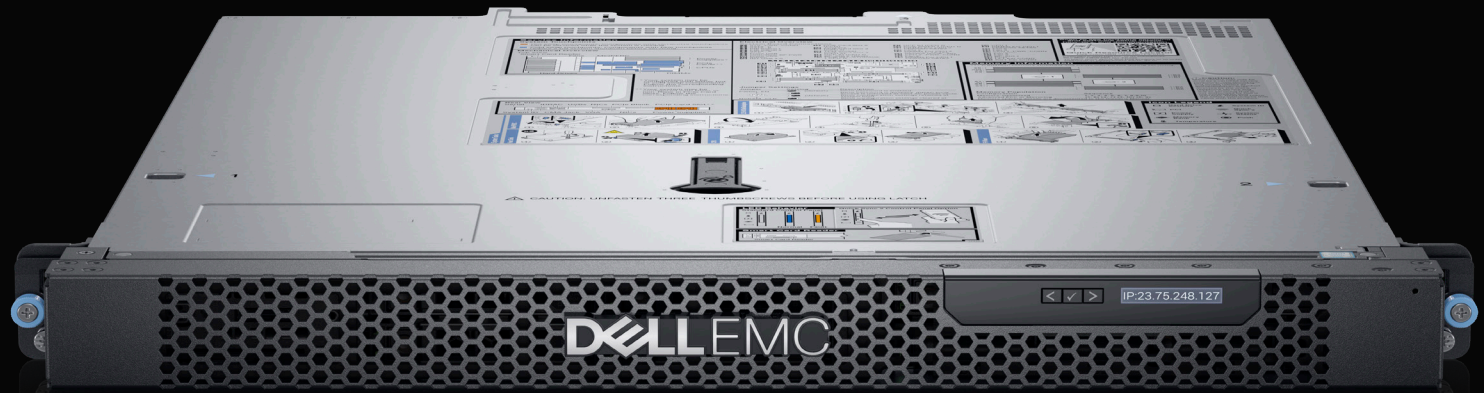
Insights for the road ahead. Technology for the long haul.

This is the best in rugged 1U short-depth computing. This is software-defined storage in space-constrained installations. Deliberately designed to take the hardest conditions head-on, the new PowerEdge XR2 features the latest Intel® Xeon® SP processors and brings together the best combination of functionality and value in the industry, plus extensive customization options from OEM custom intake services.

Data is the lifeblood of your organization. This is the heartbeat.

With metronomic precision, the Dell EMC OEM PowerEdge XR2 server offers you secure, worry-free data center performance – anytime, anywhere.

Featuring leading rugged design, world-class quality, supply chain and support, this compact, rackable server offers leading Intel®-powered performance, industry-certified capabilities, long life and extensive customization capabilities.



What's New in XR2?

Award-winning manageability. Tier-1 vendor quality.

Secure, anytime access provided by industry-leading iDRAC (integrated Dell Remote Access Controller), plus integrated lifecycle controller support for your maintenance and management needs.

The flexible configuration options and global support availability you expect from a Tier-1 vendor, plus the enterprise-grade common components and platform, ensure consistency from the data center to the field, and quality and reliability at every turn. The XR2 features functionality for dual processors, redundant hot-swappable power supplies and up to eight hard drives. It's the ideal balance of portability and power and fully configurable for your rugged industry needs.

- The next generation of server hardware and software technology
- Upgrade to the new Intel® Xeon® Skylake-SP CPU stack.
- Reduced depth for constrained spaces
- Tested with military rigor
- Tool-less storage access
- Shock-isolated hard drive bay
- The toughest technology available in enterprise-caliber servers
- Hot-swappable components

Why go rugged?

For when you're off the worksite (or, depending on your line of work, on the jobsite), you need to bring your data center with you – often at a crunch for time and space. The Dell EMC OEM PowerEdge XR2 server measures up to military standards at MIL-STD-810G compliance. It's 20% less deep than a standard server, and can operate continuously while withstanding heat 10 degrees C hotter than non-rugged offerings. It's even more shock resistant, nothing rattles its cage.

So, whether you're installing satellite communications, rigging offshore, working underwater or doing remote field work that requires your vital data and hardware to travel with you, this is the server you need to keep your operations up and running.

Key features:

<ul style="list-style-type: none"> • Common Access Card Reader 	<ul style="list-style-type: none"> • No need for keyboard/mouse setup
<ul style="list-style-type: none"> • Socketed TPM 	<ul style="list-style-type: none"> • Up to two Intel® Xeon® SP family processors
<ul style="list-style-type: none"> • Quick Sync 2.0 	<ul style="list-style-type: none"> • Up to 16 DDR4 DIMM slots for 512GB RAM
<ul style="list-style-type: none"> • 20" rack depth. 	<ul style="list-style-type: none"> • Dedicated internal controller slot supporting PERC H330, PERC 730p, PERC HBA330
<ul style="list-style-type: none"> • Configurable, starting at 26 pounds (11kg) up to 44 pounds (20kg) 	<ul style="list-style-type: none"> • LOM riser for added flexibility in onboard networking
<ul style="list-style-type: none"> • Continuous operation up to 45C (keeps running in the heat!) 	<ul style="list-style-type: none"> • Hot-plug SAS or SATA SSD hard drives
<ul style="list-style-type: none"> • Supported in excursion temps up to 55C 	<ul style="list-style-type: none"> • Hot-plug redundant PSU, HDD, fans
<ul style="list-style-type: none"> • Shock, vibration, altitude, temperature and dust resistance 	<ul style="list-style-type: none"> • Supports 2x PCIe Gen3 expansion slots all x16
<ul style="list-style-type: none"> • MIL-STD-810G, MIL-STD-461G (Military) and DNV GL, IEC60945 (Marine) compliant 	<ul style="list-style-type: none"> • Up to eight front-accessible 2.5" hard drives for up to 30TB storage
<ul style="list-style-type: none"> • Remote manageability with the latest generation iDRAC9 	<ul style="list-style-type: none"> • Intelligent hardware-driven systems management
<ul style="list-style-type: none"> • Global availability and support 	<ul style="list-style-type: none"> • Extensive power management
<ul style="list-style-type: none"> • Standard lead times 	<ul style="list-style-type: none"> • Automation for parts replacement
<ul style="list-style-type: none"> • 3-year lifecycle 	<ul style="list-style-type: none"> • Performance. Availability. Expandability. Manageability.
<ul style="list-style-type: none"> • Front-facing LCD 	<ul style="list-style-type: none"> • I/O adapter options including 1Gb, 10Gb BASE-T, 10Gb SFP+, and 40Gb QSFP+ networking

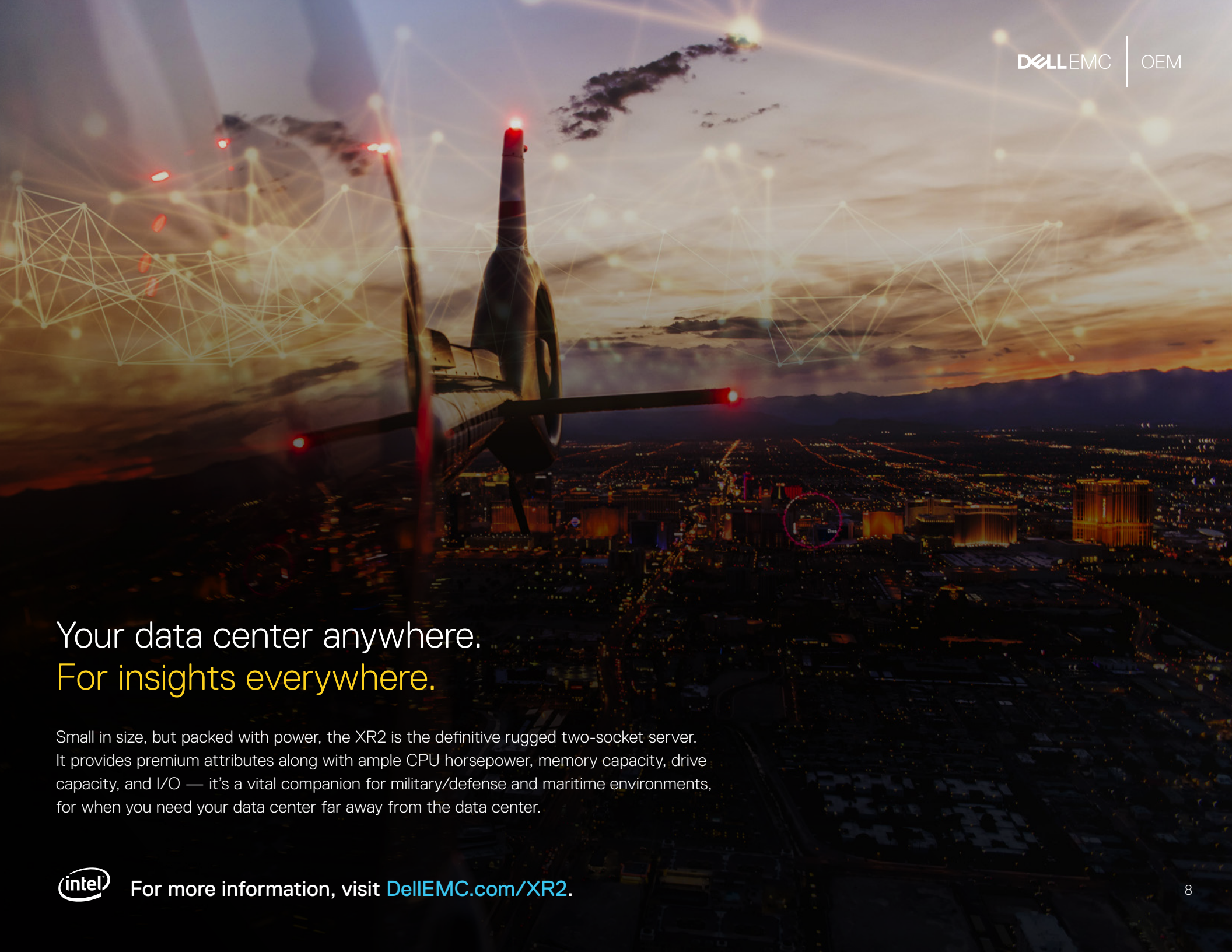
Why Dell EMC OEM?

We are the **premier** Tier-1 OEM supplier to offer a rugged server like this. Our strategic and supportive staff aims for speed, efficiency and quality when it comes to offering you customizable solutions with global reach and supply chain excellence. Our expertise helps customers focus on their strengths and innovation, so you don't have to worry about your underlying hardware. We get you to market fast, and we have a long track record of helping the world's most successful enterprises take their IP to market and realize their full potential.

The Dell EMC OEM advantage:


- Dedicated OEM assistance including:
 - needs assessment
 - solution design and development
 - trend analysis
 - certification assistance for key industries



The background image shows a rocket launching from a city at sunset. The rocket is in the center, ascending into the sky. The city below is illuminated with lights, and a network of glowing nodes and lines is overlaid on the scene, suggesting connectivity and data flow. The sky is a mix of orange, yellow, and blue.

Your data center anywhere. For insights everywhere.

Small in size, but packed with power, the XR2 is the definitive rugged two-socket server. It provides premium attributes along with ample CPU horsepower, memory capacity, drive capacity, and I/O — it's a vital companion for military/defense and maritime environments, for when you need your data center far away from the data center.

 For more information, visit DellEMC.com/XR2.