

# Dell EMC OEM PowerEdge server portfolio

Build bold with solution ready servers built for today's most demanding OEM workloads. And tomorrow's.

**DELL**EMC

OEM

# Dell EMC PowerEdge server portfolio: platforms and solutions

Servers are the bedrock of the modern appliance. With consistent, scalable and industry-leading design, Dell EMC servers can help you tackle any workload, from traditional applications to cloud and converged platforms. Build your vision, control your IT life cycle and surround your business with security. Ignite innovation in your organization with the 14th generation of Dell EMC PowerEdge – the No. 1 rack servers in the world.

- ◆ **Dell EMC award-winning PowerEdge portfolio**
  - Dell EMC PowerEdge rack servers
  - Dell EMC PowerEdge tower servers
  - Dell EMC PowerEdge FX Series
  - Dell EMC PowerEdge VRTX
  - Dell EMC PowerEdge blade servers
  - Dell EMC PowerEdge C Series
- ◆ **OEM offers**
  - OEM Ready for server appliance branding.
  - OEM XL for extended, managed and stable transitions.
  - OEM Industrial for compute outside the datacenter.
  - OEM Custom for accelerating your IP to market.
- ◆ **Dell Technologies' collective force of innovative enterprise solutions**



# Next-generation Dell EMC PowerEdge server technologies

Dell EMC PowerEdge servers provide a scalable business architecture, intelligent automation and integrated security for your workloads from traditional applications and virtualization to cloud-native workloads. They deliver the same user experience, and the same integrated management experience across all of our servers, so you have one way to patch, manage, update, refresh and retire servers across the entire data center.

## Transformation simplified.

The No. 1 platform for hyper-converged architectures is now even better. Enjoy an easy on-ramp to hybrid cloud environments with a scalable cloud foundation, designed for modern workloads and able to adapt to changing business realities.

## Productivity automated.

Spend less time on routine maintenance and more time on strategic priorities with intelligent management. Enable consistent management across OS/hypervisors with agent-free architecture. Reduce support resolution times by up to 90% with embedded support assist.

## Protection throughout.

Security is built deep into the hardware and firmware right from the start. In-chip automation and trust engine keeps your systems secure, and server configuration lockdown and secure system erase help PowerEdge meet NIST FIPS 140-2 cryptographic standards.



## Dell EMC PowerEdge servers: the industry's latest technologies combined with Dell EMC's unique innovations

- **New OEM-inspired features** — Give global customers what they need with unprecedented storage density and flexibility, Dell EMC branded XL, tower options, reduced complexity, improved features and systems management access
- **NVDIMM for persistent memory** — PowerEdge with NVDIMM dramatically increases speed of access and performance for applications like SQL
- **Multi vector cooling** — Breakthroughs in cooling increase efficiencies and enhance enablement of non-standard adapters
- **GPUs** — Off the shelf, PowerEdge can now support 33% more instances and up to 192 VDI users per server
- **Scripting APIs and mobile monitoring** — iDRAC9 delivers increased automation through powerful scripting APIs such as Redfish RESTful API
- **System Security Lockdown** — PowerEdge has new security settings that shut down updates to protect server configuration / firmware from malicious changes
- **Lifecycle optimization** — The Dell EMC OEM XL program offers enhanced predictability around hardware configurations, so you can better control resources and manage your product lifecycles

# Turn "What if" into "What's Possible"

Accelerate your time to market when you leverage Dell EMC OEM expertise.

For engineering teams that prioritize performance, design and customer experience, Dell EMC OEM delivers proven, customizable Tier-1 infrastructure, so you can optimally run your IP and deliver uninterrupted performance your customers and end users expect.

## We help you make it your own.

- Start with high-quality standard Dell EMC technologies.
- Configure and customize to achieve your vision (even small lot sizes).
- Strengthen your brand while reducing cost and complexity.



• **Branding** — Proudly display your logo and brand look on the bezel, chassis, BIOS splash screen, and iDRAC screens.



• **Longevity** — Choose extended lifecycle (XL) products to maximize longevity and minimize disruptive technology changes.



• **Ruggedness** - Opt for platforms designed to withstand extreme shock, vibration and/or temperatures.



• **Security** — Take advantage of enhanced security features to lockdown appliances and prevent unauthorized access.



• **Integration** — We can add your image, applications, peripherals, even non-Dell hardware as the application is being built.

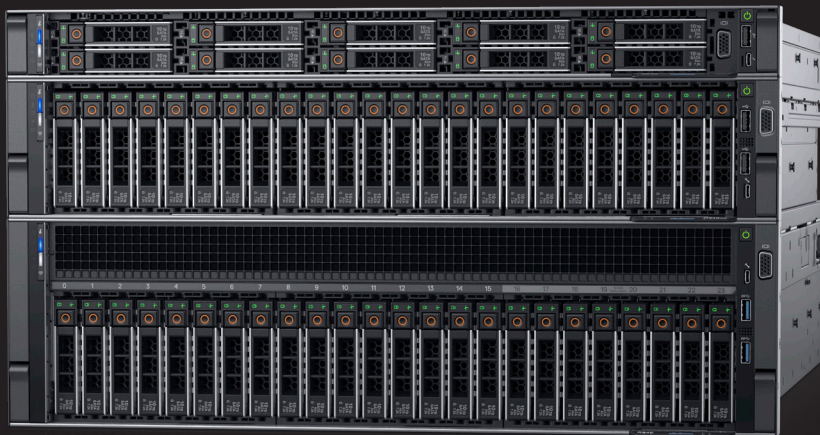


• **Fullfillment** — Specify custom packaging, labels and manuals— and ship the finished product to you or directly to your customers



## Dell EMC PowerEdge rack servers

Secure, scalable and easy to implement.



These 1-, 2- and 4-socket rack servers are designed to increase solution simplicity, handle modern workloads, and deliver intelligent management and meet the latest in cryptographic security standards.





## Dell EMC PowerEdge tower servers

Worry-free infrastructure with zero compromises.






These 1- and 2-socket tower servers deliver an easy on-ramp to hybrid cloud environments, agent-free architecture for consistent management, and secure system management.

# Dell EMC PowerEdge performance rack servers




Platform	Description	Processor(s)	Memory	PCI slots	Embedded NICs	Hard drives	OEM platform options
 <p><b>R740</b></p>	Performance 2U, 2-socket server designed to accelerate application performance leveraging accelerator cards and storage scalability. The 2-socket, 2U platform has the optimum balance of resources to power the most demanding environments. Carrier-grade configuration available.	Up to two Intel® Xeon® SP; up to 28 cores per socket	Up to 24 DDR4 DIMMs  Up to 2667MT/s	8 PCIe 3.0	4 x 1GE 2 x 10GE + 2 x 1GE 4 x 10GE 2 x 25GE	<ul style="list-style-type: none"> <li>Up to 16 x 2.5" SAS/SATA (HDD/SSD) or up to 8 x 3.5" SAS/SATA HDD</li> </ul>	OEM-Ready OEM XL Carrier-grade telecom
 <p><b>R740xd</b></p>	Performance 2U, 2-socket server delivering a perfect balance between storage scalability and performance. The 2U two-socket platform is ideal for software defined storage, service providers or as virtual desktop infrastructure. Carrier-grade configuration available.	Up to two Intel® Xeon® SP; up to 28 cores per socket	Up to 24 DDR4 DIMMs  Up to 2667MT/s	8 PCIe 3.0	4 x 1GE 2 x 10GE + 2 x 1GE 4 x 10GE 2 x 25GE	<ul style="list-style-type: none"> <li>Front bays: Up to 24 x 2.5" SAS/SATA (HDD/SSD), NVMe SSD or up to 12 x 3.5" SAS/SATA HDD</li> <li>Mid bay: Up to 4 x 3.5" or up to 4 x 2.5" SAS/SATA (HDD/SSD)</li> <li>Rear bays: Up to 4 x 2.5", SAS/SATA (HDD/SSD), NVMe SSD or up to 2 x 2.5" SAS/SATA (HDD/SSD) or up to 2 x 3.5" SAS/SATA HDD</li> </ul>	OEM-Ready OEM XL Carrier-grade telecom
 <p><b>R740xd2</b></p>	Mainstream Rack Server with up to 26x3.5" front-serviceable, hot-swappable drives.	Up to two Intel® Xeon SP processors, up to 22 cores per socket	Up to 16 DDR4 DIMMs  Up to 2667MT/s	5 PCIe 3.0 slots	2 x1GbE BaseT LOM or (optional LOM riser) 2 x 1Gb BaseT or 2 x10GbE SFP+ or 2x 10GbE BaseT or 2x 25GbE SPF28	<ul style="list-style-type: none"> <li>Front bays: Up to 24 x 3.5" SAS/SATA HDDs or up to 16 x3.5" SAS/SATA HDDs and 8 x SAS/SATA SSDs supported.</li> <li>Rear bay: Depending on chassis configuration, up to 2 x 3.5" drives supported.</li> </ul>	OEM-Ready
 <p><b>R640</b></p>	Performance 1U, 2-socket server provides the ideal platform for dense scale-out data center computing. The R640 combines density, performance and scalability to optimize application performance and data center density.	Up to two Intel® Xeon® SP; up to 28 cores per socket	Up to 24 DDR4 DIMMs  Up to 2667MT/s	3 PCIe 3.0	4 x 1GE 2 x 10GE + 2 x 1GE 4 x 10GE 2 x 25GE	<ul style="list-style-type: none"> <li>Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 8 NVMe SSD or up to 4 x 3.5 SAS/SATA HDD</li> <li>Rear drive bays: Up to 2 x 2.5" SAS/SATA (HDD/SSD), NVMe SSD</li> </ul>	OEM-Ready OEM XL Carrier-grade telecom

# Dell EMC PowerEdge performance rack servers

OEM-Ready






Platform	Description	Processor(s)	Memory	PCI slots	Embedded NICs	Hard drives	OEM platform options
<p><b>R7425</b></p> 	Performance 2U, 2-socket server delivering high performance for big data and the most demanding workloads. Highly scalable to 64 cores, 24 NVMe drives and 32 DIMMs.	Up to two AMD® EPYC®; up to 32 cores per socket	Up to 32 DDR4 DIMMs  Up to 2667MT/	8 PCIe 3.0	4 x 1GE 2 x 10GE + 2 x 1GE 4 x 10GE 2 x 25GE	<ul style="list-style-type: none"> <li>Front Drive Bays: Up to 24 x 2.5" hot plug SATA/SAS/NVMe or up to 12x 3.5" hot plug SAS/SATA HDD</li> <li>Mid Drive Bays: Up to 4 x 2.5" hot plug NVMe or up to 4 x 3.5" hot plug SAS/SATA HDD</li> <li>Rear Drive Bay: Up to 4 x 2.5" or 2 x 3.5" hot plug SAS/SATA HDD</li> </ul>	OEM-Ready
<p><b>R7415</b></p> 	Performance 2U, 1-socket server with up to 24 NVMe drives in a single socket desing delivering optimal price/performance.	One AMD® EPYC ®; up to 32 cores per socket	Up to 16 DDR4 DIMMs  Up to 2667MT/s	4 PCIe 3.0	2 x 1GE 2 x 10GE 2 x 10GE SFP+	<ul style="list-style-type: none"> <li>Front Drive Bays: Up to 24 x 2.5" hot plug SATA/SAS/NVMe or up to 12x 3.5" hot plug SAS/SATA HDD</li> <li>Rear Drive Bays: Up to 2x3.5" hot plug SAS/ SATA HDD</li> </ul>	OEM-Ready
<p><b>R6415</b></p> 	Performance 1U, 1-socket server delivering high density, low latency storage and virtualization performance through an efficient balance of high number of cores, memory and IO lanes.	One AMD® EPYC ®; up to 32 cores per socket	Up to 16 DDR4 DIMMs  Up to 2667MT/s	2 PCIe 3.0	2 x 1GE 2 x 10GE 2 x 10GE SFP+	<ul style="list-style-type: none"> <li>Front drive bays: Up to 8 x 2.5" SAS/SATA/ NVMe + 2 x 2.5 NVMe or up to 4 x 3.5" SAS/ SATA HDD</li> </ul>	OEM-Ready

# Dell EMC PowerEdge performance rack servers





Platform	Description	Processor(s)	Memory	PCI slots	Embedded NICs	Hard drives	OEM platform options
<p><b>R940</b></p> 	Performance 3U, 4-socket server designed to power mission critical applications and real-time decisions. With four sockets and up to 12 NVMe drives, the R940 provides scalable performance in just 3U.	Up to four Intel® Xeon® SP; up to 28 cores per socket	Up to 48 DDR4 DIMMs  Up to 2667MT/s	13 PCIe 3.0	4 x 1Gb 4 x 10Gb 2 x 10Gb+2x 1Gb 2 x 25Gb	<ul style="list-style-type: none"> <li>Up to 24 x 2.5" SAS/SATA (HDD/SSD)</li> <li>Up to 12 NVMe PCIe SSD</li> </ul>	OEM-Ready
<p><b>R940xa</b></p> 	Performance 4U, 4-socket server designed to rapidly transform data insights into business outcomes with four CPUs and four GPUs in a powerful 1:1 ratio.	Up to four Intel® Xeon® SP; up to 28 cores per socket	Up to 48 DDR4 DIMMs  Up to 2667MT/s	12 PCIe 3.0	4x 1Gb 4x 10Gb 2x 10Gb+2x 1Gb 2x 25Gb	<ul style="list-style-type: none"> <li>Front drive bays: Up to 8x 2.5" SAS SATA (HDD/SSD) or up to 24 x 2.5" SAS/SATA (HDD/SSD) or up to 32 SAS/SATA (HDD/SSD) with up to 4 NVMe PCIe SSD</li> </ul>	OEM-Ready
<p><b>R840</b></p> 	Performance 2U, 4-socket server designed to drive faster insights and drive business-critical workloads with up to 24 direct-attached NVMe drives.	Up to four Intel® Xeon® SP; up to 28 cores per socket	Up to 48 DDR4 DIMMs  Up to 2667MT/s	6 PCIe 3.0	4 x 1GE 2 x 10GE + 2 x 1GE 4 x 10GE 2 x 25GE	<ul style="list-style-type: none"> <li>Front drive bays: Up to 8x 2.5" SAS SATA (HDDs/SSDs) or up to 24 x 2.5" SAS/SATA (HDDs/SSDs) with up to 12</li> <li>NVMe PCIe SSDs or up to 24 NVMe PCIe SSDs</li> <li>Rear drive bays: Up to 2 x 2.5" SAS/SATA (HDDs/SSDs)</li> </ul>	OEM-Ready



# Dell EMC PowerEdge 1S and 2S rack servers

Platform	Description	Processor(s)	Memory	PCI slots	Embedded NICs	Hard drives	OEM platform options
 <p><b>XR2</b></p>	Enterprise-class, short-depth, 1U 2-socket rugged rack server built for marine, military, and harsh environments constrained by size, weight and power.	Up to four Intel® Xeon® SP; up to 22 cores per socket	Up to 16 DDR4 DIMMs  Up to 2667MT/s	2 PCIe 3.0	2 x 1GE plus optional 2 x 1GE, 2 x 10GE, or 2 x 10GE SFP+	<ul style="list-style-type: none"> <li>Front drive bays: Up to 8x 2.5" SAS/SATA (HDD/SSD)</li> </ul>	OEM-Ready
 <p><b>R540</b></p>	Versatile 2U, 2-socket rack server providing balanced compute and storage to adapt to a variety of applications.	Up to two Intel® Xeon® SP; up to 20 cores per socket	Up to 16 DDR4 DIMMs  Up to 2667MT/s	3 PCIe 3.0 2 PCIe 2.0	2 x 1GE plus optional 2 x 1GE, 2 x 10GE, or 2 x 10GE SFP+	<ul style="list-style-type: none"> <li>Front drive bays: Up to 12 x 3.5" SAS/SATA HDD</li> <li>Rear drive bays: Up to 2 x 3.5 SAS/SATA HDD</li> </ul>	OEM-Ready
 <p><b>R440</b></p>	1U, 2-socket rack server optimized for dense scale out computing and storage.	Up to two Intel® Xeon® SP; up to 22 cores per socket	Up to 16 DDR4 DIMMs  Up to 2667MT/s	2 PCIe 3.0	2 x 1GE plus optional 2 x 1GE, 2 x 10GE, or 2 x 10GE SFP+	<ul style="list-style-type: none"> <li>Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMe SSD max 48TB or</li> <li>Up to 4 x 3.5 SAS/ SATA HDD</li> </ul>	OEM-Ready
 <p><b>R340</b></p>	Single-socket rack server designed for productivity and data intensive applications for remote/branch offices.	One Intel® processor; Intel® Xeon® E-2100, Intel Pentium®, Intel® Core i3® or Intel® Celeron®	Up to 4 DDR4 DIMMs  Up to 2667MT/s	2 PCIe 3.0	2 x 1GE	<ul style="list-style-type: none"> <li>Up to 4x 3.5" Hot-Plug HDDs</li> <li>Up to 8x 2.5" Hot-Plug HDDs</li> </ul>	OEM - Ready OEM - XL
 <p><b>R240</b></p>	Single-socket entry-level rack server designed for businesses looking for enterprise class features at prices they can afford.	One Intel® processor; Intel® Xeon® E-2100, Intel Pentium®, Intel® Core i3® or Intel® Celeron®	Up to 4 DDR4 DIMMs  Up to 2667MT/s	2 PCIe 3.0	2 x 1GE	<ul style="list-style-type: none"> <li>Minimum of 2x 3.5" Cabled HDDs</li> <li>Up to 4x 3.5" Hot-Plug HDDs</li> </ul>	OEM-Ready OEM XL

# Dell EMC PowerEdge tower servers

Platform	Description	Processor(s)	Memory	PCI slots	Embedded NICs	Hard drives	OEM platform options
<p><b>T640</b></p> 	High-performance 5U, 2-socket rackable tower server with a versatile mix of configuration options, performance and scalability, and massive internal storage capacity.	Intel Xeon processor E5-2600 v4 product family; up to 22 cores per socket; up to 4 GPU accelerators	Up to 24 DDR4 DIMMs	6 PCIe 3.0 1 PCIe 2.0	4 x 1GE 2 x 10GE	<ul style="list-style-type: none"> <li>Up to 32 x 2.5" or 18 x 3.5" HDDs</li> <li>Up to 4 optional PowerEdge Express Flash PCIe SSDs</li> </ul>	OEM-Ready
<p><b>T440</b></p> 	Rackable 2-socket tower server that delivers performance, expandability and reliability with room to grow in a quiet office setting.	Intel Xeon processor E5-2600 v4 product family	Up to 16 DDR4 DIMMs  Up to 2667MT/s	6 PCIe 3.0	2 x 10GE LOM	<ul style="list-style-type: none"> <li>Up to 4 x 3.5" cabled SAS or SATA drives, or up to 8 hot-plug 3.5" drives, or up to 16 hot-plug 2.5" SAS or SATA drives</li> </ul>	OEM-Ready
<p><b>T340</b></p> 	Reliable, easy to manage, and scalable single-socket tower server designed for general purpose business applications. Ideal for remote offices.	One Intel® processor; Intel® Xeon® E-2100, Intel Pentium®, Intel® Core i3® or Intel® Celeron®	Up to 4 DDR4 DIMMs  Up to 2667MT/s	4 PCIe 3.0	2 x 1GE	<ul style="list-style-type: none"> <li>Up to 8x 3.5" Hot-Plug HDDs</li> </ul>	OEM-Ready
<p><b>T140</b></p> 	Easy to use and safe entry-level single-socket tower server designed for general purpose business applications.	One Intel® processor; Intel® Xeon® E-2100, Intel Pentium®, Intel® Core i3® or Intel® Celeron®	Up to 4 DDR4 DIMMs  Up to 2667MT/s	4 PCIe 3.0	2 x 1GE	<ul style="list-style-type: none"> <li>Up to 4 x 3.5" cabled HDDs</li> </ul>	OEM-Ready

## Dell EMC PowerEdge FX Series

Individually tailored IT platform for enterprise data centers



With industry-leading design, the Dell EMC PowerEdge FX series integrates servers, DAS storage, networking and management in a 2U chassis.

## Dell EMC PowerEdge VRTX

Integrated solutions platform for remote and branch offices



A converged platform designed from the ground up, the Dell EMC PowerEdge VRTX integrates servers, storage, networking and management into a single office-optimized chassis to deliver greater simplicity, efficiency and versatility.

## Dell EMC PowerEdge MX Series

Kinetic Infrastructure designed to adapt to shifting IT needs.



The new MX series is designed for customers that are ready for the ultimate in hardware agility and adaptability to future proof their workloads of today and tomorrow. By removing mid-planes and adding distributed management and scalable fabric architectures it will deliver a solution that is adaptable and easy to implement.


## Dell EMC PowerEdge C Series

Flexible, scale-out cloud and HPC solutions




A complete portfolio of hyperscale-inspired shared systems capable of housing multiple server nodes, the Dell EMC PowerEdge C Series is optimized for distributed workloads, ultra-dense scaled-out environments and cloud deployments.



# Dell EMC PowerEdge VRTX

Platform	Description	Server nodes	Memory	PCIe slots	Embedded NICs	Hard Drives
 <p><b>VRTX</b></p>	Tower or 5U rackable platform that integrates up to 4 server nodes, storage, networking and management into a compact chassis optimized for office environments.	<p>Up to 4 x 2S, half-height M520 server nodes</p> <p>Up to 4 x 2S, half-height M620 or M630 server nodes</p> <p>Up to 2 x 4S, full-height M820 server nodes</p> <p>Or a combination of server nodes</p>	Dependent upon chosen server nodes	3 full-height and 5 half-length	<p>1GbE internal switch module (standard) with 16 x 1GbE ports and 8 external ports</p> <p>Ethernet pass-through module with 8 external ports (optional)</p>	<ul style="list-style-type: none"> <li>Up to 12 x hot-plug 3.5" SAS or SSD drives or up to 25 hot-plug 2.5" SAS or SSD drives</li> </ul>


# Dell EMC PowerEdge MX Series chassis

Chassis	Description	Power supplies	Sled support	I/O modules	Management modules	OEM Platform Options
 <p><b>MX7000</b></p>	Built from the ground up to be flexible and to scale adapting to changing workloads, this device will accelerate your operations and increase team effectiveness while protecting your budget with its future proofing design.	Up to 6 3000W PSUs	<p>Vertical orientation that supports:</p> <p>2S standard-height</p> <p>4S standard-height, double-wide</p> <p>SAS storage sled (16 drives)</p>	<p>Up to 6 I/O modules for 3 fabrics;</p> <p>2 general purpose (Ethernet, future technologies)</p> <p>1 storage specific (Fibre Channel, SAS)</p>	OpenManage Enterprise - Modular (OpenManage RESTful API) complete with Quick Sync support.	Custom




# Dell EMC PowerEdge blade servers

Platform	Description	Processor(s)	Memory	PCI slots	Embedded NICs	Hard Drives	OEM Platform Options
 <p><b>MX840c</b></p>	Powerful 4 socket, scale-up server built for database driven and mission critical applications in a vertical chassis that is full height and double wide.	4-socket Intel Xeon Scalable with full stack support.	<p>Up to 48 DDR4 DIMMs</p> <p>NVDIMM support(12 slots)</p> <p>Up to 2667MT/s</p>	<p>4 PCIe 3.0 Mezz Slots</p> <p>2 PCIe 3.0 Mini-Mezz Slots</p>	4 x 25GE	<ul style="list-style-type: none"> <li>8 x 2.5-inch SAS/SATA/NVMe (universal BP)</li> <li>6 x 2.5-inch SAS/SATA/NVMe (universal BP) for NVDIMM implementations</li> </ul>	Custom
 <p><b>M640</b></p>	Half-height 2S blade server designed for high performance with best in class density for exceptional scalability. Up to 16 in an M1000e chassis.	Up to two Intel® Xeon® SP; up to 28 cores per socket	<p>Up to 16 DDR4 DIMMs</p> <p>Up to 2667MT/s</p>	2 PCIe 3.0 Mezz Slots	<p>4 x 1GE</p> <p>2 x 10GE</p> <p>4 x 10GE</p>	<ul style="list-style-type: none"> <li>Up to 2 x 2.5" SAS/SATA (HDD/SSD) with up to 2 NVMe SSD</li> </ul>	


# Dell EMC PowerEdge FX chassis

Platform	Description	Power supplies	Cooling fans	I/O modules	Management modules
<p><b>FX2</b></p> 	<p>2U chassis that houses flexible modules of IT resources — servers, DAS storage and I/O — while offering the efficiency of shared power, cooling, management and PCIe slots. The switched configuration, the PowerEdge FX2s, supports up to eight low-profile PCIe 3.0 expansion slots. The unswitched FX2 configuration is a lower-cost alternative that does not have expansion slots.</p>	<p>Choice of up to 2 hot-pluggable power supplies</p>	<p>8 hot-pluggable, redundant fan modules</p>	<p>Up to 2 pass-through I/O modules (standard), IOAs (optional) for simpler cabling, east/west traffic and LAN/SAN convergence</p>	<p>Choice of rack or chassis management (CMC), integrated, redundant management fabric</p>



# Dell EMC PowerEdge FX server nodes

Platform	Description	Processor(s)	Memory	PCIe slots	Embedded NICs	Hard Drives
<p><b>FC830</b></p> 	<p>Full-width, 4-socket server with massive memory scalability, expandable storage and powerful processing. Great for core applications and cutting-edge virtualization.</p>	<p>Up to 4 Intel Xeon E5-4600 v4 processors; up to 22 cores per socket</p>	<p>Up to 48 DDR4 DIMMS Up to 2400MT/s</p>	<p>Access to 4 PCIe slots, up to 8 in certain configurations</p>	<p>Two NDCs supporting up to 2- or 4-port 10Gb or 4-port 1Gb</p>	<ul style="list-style-type: none"> <li>Up to 8 x 2.5" HDD/SSD or 16 x 1.8" SSD</li> </ul>
<p><b>FC640</b></p> 	<p>Half-width 2-socket server designed for flexibility and performance with best in class density; up to 4 in a 2U FX2 chassis.</p>	<p>Up to two Intel® Xeon® SP; up to 28 cores per socket</p>	<p>Up to 16 DDR4 DIMMS Up to 2667MT/s</p>	<p>Access up to 2 PCIe slots, up to 4 in certain configurations</p>	<p>One NDC supporting up to 2- or 4-port 10Gb or 4-port 1GE</p>	<ul style="list-style-type: none"> <li>Up to 2 x 2.5" SAS/SATA (HDD/SSD) with up to 2 NVMe SSD</li> </ul>
<p><b>FC430</b></p> 	<p>Ultra-dense 2-socket, quarter-width mainstream server, ideal for distributed environments requiring multi-node reliability and efficiency, with an alternate version for low latency.</p>	<p>Up to 2 Intel Xeon E5-2600 v4 processors; up to 18 cores per socket</p>	<p>Up to 8 DDR4 DIMMS Up to 2400MT/s</p>	<p>Access to 1 PCIe slot, up to 2 in certain configurations</p>	<p>LOM: 2 x 10GbE or 2 x 1Gb (optional InfiniBand version)</p>	<ul style="list-style-type: none"> <li>Up to 2 x 1.8" SSD or 1 x 1.8" SSD (with an InfiniBand port)</li> </ul>

# Dell EMC PowerEdge FX storage block

Platform	Description	Processor(s)	Memory	PCIe slots	Embedded NICs	Hard Drives
<p><b>FD332</b></p> 	Half-width storage block that enables up to 16 small form factor (SFF) 2.5" storage devices; up to 3 x FD332 per FX2 chassis.	PowerEdge RAID Controller 9 (PERC9), pass-through I/O; single or dual SAS controllers; mix and match for dual controllers (RAID/non-RAID)	N/A	N/A	N/A	<ul style="list-style-type: none"> <li>Up to 16 x hot-plug 2.5" HDD/SSD</li> </ul>

# Dell EMC PowerEdge C Series

Platform	Description	Processor(s)	Memory	PCIe slots	Embedded NICs	Hard Drives
<p><b>C4140</b></p> 	Purpose-built, ultra-dense 1U rack server with industry-leading GPU compute capabilities to accelerate the most demanding cognitive and technical computing workloads.	Up to two Intel® Xeon® SP; up to 20 cores per socket	Up to 24 DDR4 DIMMs Up to 2667MT/s	4 PCIe 3.0 double wide accelerator slots 2 PCIe 3.0 low profile slots	4 x 10GE 4 x 10GE SFP+	<ul style="list-style-type: none"> <li>Internal Boot Optimized Dual M.2</li> </ul>
<p><b>C6420</b></p> 	Ultra-dense, 4 x 2-socket independent server nodes in shared 2U chassis, optimized for HPC and scale-out workloads and hyperconverged solutions.	Up to two Intel® Xeon® SP; up to 28 cores per socket	Up to 16 DDR4 DIMMs Up to 2667MT/s	1x16 PCIe 3.0 (low profile, half length) 1x8 PCIe 3.0 Mezzanine (for storage controller) 1x16 PCIe 3.0 OCP Mezzanine (for network controller)	1 x 1GE 2 x 10GE SFP+ (OCP Mezzanine)	<ul style="list-style-type: none"> <li>24 x 2.5" with up to 8 NVMe PCIe SSD or 12 x 3.5"</li> </ul>

## DELL Technologies



DELL EMC

Pivotal

RSA

Secureworks

virtustream

vmware

Innovative devices, services and solutions designed for the way people work (and play)

Transforming the data center with industry-leading servers, storage and converged infrastructure

Leading intersection of Big data, PaaS and agile development leveraging data on one cloud-independent platform

Premier provider of security, risk and compliance solutions solving your most complex challenges

Elite and trusted intelligence that strengthens security and reduces risk in a dynamic landscape

Leading enterprise-class cloud software and solution provider

Most trusted virtualization solution for desktop, data center and applications

The Dell EMC PowerEdge server portfolio is the foundation of a comprehensive enterprise systems portfolio that includes:

- Intelligent storage solutions
- Comprehensive server virtualization software
- Enterprise software for information management, data protection, mobile workforce transformation and security
- Professional services that simplify assessment, design, implementation, management and maintenance

Learn More at [DellEMC.com/oem](http://DellEMC.com/oem)