Designed for budget-conscious businesses

The Dell EMC PowerEdge R240 designed for dense environments is the ideal solution for budget-conscious businesses. The R240 offers features to support your demanding and growing business needs.

- Accelerate your business with improved performance due to 50% more cores with Intel® Xeon® E-2100 processors, 11% increase in memory speed, and 20% more PCIe lanes.¹
- Harness data growth with up to 4 x 3.5” cabled hard drives.
- Manage operational costs with Multi-Vector cooling which automatically calculates and delivers the proper airflow needed for optimal cooling.

Simple to install, manage and deploy

The Dell OpenManage portfolio offers innovations that simplifies management tasks, making IT operations efficient and cost-effective throughout the server lifecycle.

- The embedded iDRAC9 with Lifecycle Controller, server deployment, configuration and updates are fast and worry-free.
- Access your servers anywhere, anytime from your mobile device with OpenManage Mobile (requires OpenManage Enterprise).
- Resolve issues with up to 72% less IT effort using automated proactive and predictive technology from ProSupport Plus and SupportAssist.²

Keep your data safe

Every PowerEdge server is made with a cyber-resilient architecture, building security into the server’s entire life cycle. Dell EMC is laser-focused on security (from design to end-of-life) to ensure trust and deliver worry-free, secure servers.

- Keep your data safe with software RAID.
- Maintain data safety with cryptographically-signed firmware packages and Secure Boot.
- Protect your server from malicious malware with iDRAC9 Enterprise Server Lockdown mode.
- Wipe all data from storage media quickly and securely with System Erase.

¹ Based on Dell EMC Internal analysis comparing R340 vs the previous generation. September 2018.
² Based on June 2018 Principled Technologies Report commissioned by Dell EMC, “Save time and IT effort resolving server hardware issues with ProSupport Plus and SupportAssist”, compared to Basic Warranty without SupportAssist.
### PowerEdge R240

<table>
<thead>
<tr>
<th>Features</th>
<th>Technical Specification</th>
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<tbody>
<tr>
<td><strong>Processor</strong></td>
<td>1 processor from the following: Intel® Xeon® E-2100 product family, Intel Pentium®, Intel Core i3®, Intel Celeron®</td>
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<tr>
<td><strong>Memory</strong></td>
<td>4 x DDR4 DIMM slots, Supports UDIMM, up to 2666MT/s, 64GB Max. Supports registered ECC</td>
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</table>
| **Storage controllers** | Internal controllers: PERC H730P, H330, HBA330 (non-RAID)  
Software RAID: PERC S140  
External HBAs: 12Gbps SAS HBA (non-RAID)  
Boot Optimized Storage Subsystem: 2x M.2 240GB (RAID 1 or No RAID), 1x M.2 240GB (No RAID only) |
| **Drive bays**    | Up to 4 x 3.5 cabled SATA, SAS (optional) or SSD*  
Up to 4 x 3.5 or 2.5 hot-plug SATA, SAS (optional) or SSD*  
*available in the hot-plug configuration |
| **Power supplies**| Single 250W (Bronze) power supply |
| **Dimensions**    | Form factor: Rack (1U)  
Chassis width: 434.00mm (17.08 in)  
Chassis depth: 595.63mm (23.45 in) (3.5” HHD config)  
Note: These dimensions do not include: bezel, redundant PSU  
Chassis weight: 12.2 kg (26.89 lb.) |
| **Embedded management** | iDRAC9 with Lifecycle Controller  
iDRAC Direct  
iDRAC RESTful API with Redfish |
| **Bezel**         | Optional security bezel |
| **OpenManage™ Software** | OpenManage Enterprise  
OpenManage Essentials  
OpenManage Power Center  
OpenManage Mobile (requires OpenManage Enterprise) |
| **Integrations and connections** | Integrations:  
Microsoft® System Center  
VMware® vCenter™  
BMC Truesight (available from BMC)  
Red Hat Ansible  
Connections:  
Nagios Core & Nagios XI  
Micro Focus Operations Manager i (OMI)  
IBM Tivoli Netcool/OMNIbus |
| **Tools**         | iDRAC Service Module  
OpenManage Server Administrator  
Dell EMC Repository Manager  
Dell EMC System Update  
OpenManage Power Center  
Dell EMC Server Update Utility  
Dell EMC Update Catalogs  
Dell EMC RACADM CLI  
IPMI Tool |
| **Security**      | TPM 1.2/2.0 optional  
Cryptographically signed firmware  
Silicon Root of Trust  
Secure Boot  
System Lockdown (requires OpenManage Enterprise)  
System Erase |
| **I/O & Ports**   | Networking Options:  
2 x 1GbE LOM Network Interface Controller (NIC) ports  
Front ports:  
1x USB 2.0, 1 x iDRAC micro USB 2.0 management port  
Rear ports: 2 x USB 3.0, VGA, serial connector  
2 x PCIe Gen 3.0 slots:  
* One x8 slot low-profile, half-length with x4 slot width  
* One x16 slot low-profile/full-height, half-length with x8 bandwidth  
OpenManage Essentials  
OpenManage Power Center  
Dell EMC Server Update Utility  
Dell EMC Update Catalogs  
Dell EMC RACADM CLI  
IPMI Tool |
| **Support operating systems** | Certify XenServer  
Citrix® XenServer®  
Microsoft Windows Server® with Hyper-V  
Red Hat® Enterprise Linux  
Ubuntu Server  
SUSE® Linux Enterprise Server  
VMware® ESXi  
For specifications and interoperability details, see Dell.com/OSSupport |
| **OEM-ready version available** | From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you.  
For more information, visit Dell.com/OEM. |
| **Recommended support** | ProSupport Plus for critical systems or ProSupport for comprehensive hardware and software support for your PowerEdge solution. Consulting and deployment offerings are also available. Contact your Dell EMC representative today for more information. Availability and terms of Dell EMC Services vary by region. For more information, visit Dell.com/ServiceDescriptions. |
| **Dell Financial Services** | Deliver results with easy financing. Explore financial options that move at the speed of business.  

Learn more at DellEMC.com/PowerEdge

End-to-end technology solutions

Reduce IT complexity, lower costs and eliminate inefficiencies by making IT and business solutions work harder for you. You can count on Dell for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell Enterprise Solutions and Services deliver innovation at any scale. And if you’re looking to preserve cash or increase operational efficiency, Dell Financial Services™ has a wide range of options to make technology acquisition easy and affordable. Contact your Dell Sales Representative for more information.”

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