



Dell PowerEdge R340 Server Datasheet



Router-Switch.com
Leading Network Hardware Supplier

CONTENT

Content.....	1
Overview.....	2
Features.....	2
Specification.....	3
Ordering information.....	7
Where to Buy.....	8
Sources.....	8

Contact Us

Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166 /

Fax: +852-3050-1066 (Hong Kong)

Email: sales@router-switch.com (Sales Inquiries)

OVERVIEW

The Dell EMC PowerEdge R340 is a single-socket 1U rack server designed for productivity and data intensive applications for remote office/branch offices.

Figure 1. Dell PowerEdge R340 Server



FEATURES

Boost your business productivity

The Dell EMC PowerEdge R340 boosts business productivity, provides the flexibility to scale, and automates daily tasks. It is the ideal solution that allows you to focus on what matters: Accelerate your business growth. The R340 offers features to support your demanding and growing business needs.

- Accelerate your business with improved performance due to 100% more cores with Intel® Xeon® E-2200 processors, 11% increase in memory speed, and 20% more PCIe lanes.
- Harness data growth with up to 8 x internal 2.5" or 4 x 3.5" hot-plug hard drives.
- Manage operational costs with Multi-Vector cooling which automatically calculates and delivers the proper airflow needed for optimal cooling.

Simplify your IT infrastructure

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.

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

SPECIFICATION

Specification	Dell PowerEdge R340 Server
Processor	1 processor from the following: Intel® Xeon® E-2200 product family, Intel Pentium®, Intel Core i3®, Intel Celeron®
Memory	4 x DDR4 DIMM slots, Supports UDIMM, up to 2666MT/s, 64GB Max. Supports registered ECC
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 (BOSS): 2 x M.2 240GB (RAID 1

	<p>or No RAID) or 1 x M.2 240GB (No RAID only)</p> <p>Internal Dual SD Module: 2x microSD (16GB, 32GB or 64GB) or 1x microSD (16GB, 32GB or 64GB)</p>
Drive bays	<p>Up to 8 x 2.5 hot-plug SATA, SAS (optional) or SSD</p> <p>Up to 4 x 3.5 hot-plug SATA, SAS (optional) or SSD</p>
Power supplies	Single or dual 350W (Platinum) or 550W (Platinum) hot-plug redundant power supplies
Dimensions	<p>Form factor: Rack (1U) Chassis width: 434.00mm (17.08 in)</p> <p>Chassis depth: 595.63mm (23.45 in) (3.5" HHD config)</p> <p>Chassis depth: 544.836mm (21.45 in) (2.5" HHD config)</p> <p>Note: These dimensions do not include: bezel, redundant PSU</p> <p>Chassis weight: 13.6 kg (29.98 lb.)</p>
Embedded management	<p>iDRAC9 with Lifecycle Controller</p> <p>iDRAC Direct</p> <p>iDRAC RESTful API with Redfish</p>
Bezel	Optional security bezel
OpenManage™ Software	<p>OpenManage Enterprise</p> <p>OpenManage Power Manager</p> <p>OpenManage Mobile</p>
Integrations and connections	<p>Integrations:</p> <p>Microsoft® System Center</p> <p>VMware® vCenter™</p>

	<p>BMC Truesight (available from BMC)</p> <p>Red Hat Ansible</p> <p>Connections:</p> <p>Nagios Core & Nagios XI</p> <p>Micro Focus Operations Manager i (OMi)</p> <p>IBM Tivoli Netcool/OMNibus</p>
Tools	<p>iDRAC Service Module</p> <p>OpenManage Server Administrator</p> <p>Dell EMC Repository Manager</p> <p>Dell EMC System Update</p> <p>Dell EMC Server Update Utility</p> <p>Dell EMC Update Catalogs</p> <p>Dell EMC RACADM CLI</p> <p>IPMI Tool</p>
Security	<p>TPM 1.2/2.0 optional</p> <p>Cryptographically signed firmware</p> <p>Silicon Root of Trust</p> <p>Secure Boot</p> <p>System Lockdown (requires OpenManage Enterprise)</p> <p>System Erase</p>
I/O & Ports	<p>Networking Options:</p> <p>2 x 1GbE LOM Network Interface Controller (NIC) ports</p>

	<p>Front ports:</p> <p>1x USB 2.0, 1 x IDRAC micro USB 2.0 management port</p> <p>Rear ports: 2 x USB 3.0, VGA, serial connector</p> <p>2 x PCIe Gen 3.0 slots:</p> <ul style="list-style-type: none"> • One x8 slot low-profile, half-length with x4 slot width • One x16 slot low-profile/full-height, half-length with x8 bandwidth
Supported operating systems	<p>Citrix® XenServer®</p> <p>Microsoft® Windows Server® with Hyper-V (2016 and 2019)</p> <p>Red Hat® Enterprise Linux</p> <p>Ubuntu® Server LTS</p> <p>SUSE® Linux Enterprise Server</p> <p>VMware® ESXi</p>
OEM-ready version available	<p>From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you.</p>
Recommended support	<p>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.</p>

ORDERING INFORMATION

Configured Models

[Dell PowerEdge R340 E-2124/8GB/1TB 7.2K SATA/DVDRW/350W/3.5-4 Server](#)

[Dell R340 E-2224G/8GB 2666MT/s*1/1TB 7.2K SATA 3.5*1/DVDRW/350W*1/3.5-4](#)

WHERE TO BUY

Want to buy this series of products? please contact:

- Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com (Sales Inquiries)

Or visit: [Dell PowerEdge R340 Server](#)

About us

Router-switch.com, founded in 2002, is one of the biggest Global Network Hardware Supplier. We are a leading provider of network products with 18,000+ customers in over 200 countries. We provide original new and used network equipments ([Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Juniper](#), [Fortinet](#), [Dahua](#), etc.), including Routers, Switches, Servers, Storage, Telepresence and Videoconferencing, IP Phones, Firewalls, IP Cameras, Wireless APs & Controllers, EHWIC/HWIC/VWIC Cards, SFPs, Memory & Flash, Hard Disk, Cables, and all kinds of network solutions related products.

SOURCES

https://i.dell.com/sites/csdocuments/Product_Docs/en/poweredge-r340-spec-sheet.pdf