

POWEREDGE R340

Accelerate Business Growth



The Dell EMC PowerEdge R340 is a single socket rack server design for productivity and data intern applications for remote office branch offices.

PowerEdge R340

Features	Technical Specification	
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 boot	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 or No RAID) or 1 x M.2 240GB (No RAID only) Internal Dual SD Module3: 2x microSD (16GB, 32GB or 64GB) or 1x microSD (16GB, 32GB or 64GB)	
Drive bays	Up to 8 x 2.5 hot-plug SATA, SAS (optional) or SSD Up to 4 x 3.5 hot-plug SATA, SAS (optional) or SSD	
Power supplies	Single or dual 350W (Platinum) or 550W (Platinum) hot-plug redundant power supplies	
Dimensions	Form factor: Rack (1U)	Chassis width: 434.00mm (17.08 in) Chassis depth: 595.63mm (23.45 in) (3.5" HDD config) Chassis depth: 544.836mm (21.45 in) (2.5" HDD config) Note: These dimensions do not include: bezel, redundant PSU Chassis weight: 13.6 kg (29.98 lb.)
Embedded management	iDRAC9 with Lifecycle Controller iDRAC Direct iDRAC RESTful API with Redfish	
Bezel	Optional security bezel	
OpenManage™ Software	OpenManage Enterprise	OpenManage Power Manager OpenManage Mobile
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	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
Supported operating systems	Citrix® XenServer® Microsoft® Windows Server® with Hyper-V (2016 and 2019) Red Hat® Enterprise Linux Ubuntu® Server LTS	SUSE® Linux Enterprise Server VMware® ESXi For specifications and interoperability details, see baitsbd.com
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 https://baitsbd.com	
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 https://baitsbd.com	

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