



Dell PowerEdge T340 Server Datasheet



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OVERVIEW

Develop your business with the PowerEdge T340 tower server. It is a reliable, easy to manage, and scalable one-socket server. The PowerEdge T340 helps you share and connect quickly across your organization to drive business results.

Figure 1. Dell PowerEdge T340 Server



FEATURES

Operate reliably and scale without limits¹

The PowerEdge T340 is your reliable server that allows you to collaborate and grow as you scale.

- Drive your business forward with improved performance due to 100% more cores with Intel® Xeon® E-2200 processors, 11% increase in memory speed, and 20% more PCIe lanes.²
- Scale with 17% more storage capacity.³
- Operate reliably with up to 8 hot-plug HDD's or SSD's and redundant power supplies.
- Get set up as much as 66% faster with our ProDeploy suite of services.⁴

Intuitive systems management with intelligent automation

PowerEdge servers with embedded iDRAC with Lifecycle Controller offer agent-free management right out of the box, delivering smart automation of routine tasks. The T340 is easily managed which frees up time for work priorities.

- Simplify management with the New OpenManage Enterprise console, with customized reporting and automatic discovery.
- Easily manage multiple remote servers via the intuitive general user interface with iDRAC9 Group Manager or upgrade to OpenManage Enterprise.
- Conveniently receive data alert notifications and access hardware remotely anywhere with OpenManage Mobile.
- Resolve issues with up to 72% less IT effort using automated proactive and predictive technology from ProSupport Plus and SupportAssist.⁵

Keep your data safe

Every PowerEdge server is made with a cyber-resilient architecture, building security into the server's entire life cycle. The T340 uses these new security features so you can reliably and securely deliver the right data to your customers. Dell EMC considers each part of system security, from design to end-of-life, to ensure trust and deliver worry-free, secure servers.

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

¹ The PowerEdge T340 supports up to 14TB.

² Based on Dell EMC Internal analysis comparing T340 vs the previous generation. October 2019.

³ Based on Dell EMC internal analysis comparing Disk Drive Capacities of T340 vs the previous generation. September 2018. 14TB Drives are fully supported and are expected to be available early 2019.

⁴ Based on a November 2017 Principled Technologies Test Report commissioned by Dell EMC comparing in-house deployment vs. Dell EMC ProDeploy for Enterprise deployment service for Dell

PowerEdge R730 servers, Dell Storage SC9000 and SC420 and networking components. Actual results will vary.

⁵ 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. Actual results will vary

SPECIFICATION

Specification	Dell PowerEdge T340 Server
Processor	1 processor from the following: Intel® Xeon® E-2200 product family, Intel Pentium®, Intel Core i3®, Intel Celeron®
Memory	4x DDR4 DIMM slots, supports UDIMMs, speeds 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): 2x M.2 240GB (RAID 1 or No RAID), 1x M.2 240GB (No RAID only) Internal Dual SD Module ⁶
Drive bays	Up to 8 x 3.5” hot-pluggable bays (also supports 2.5” HDD in 3.5” hybrid drive carrier)
Power supplies	2x Hot-Plug-Redundant 495W PSUs or Single Cabled 350W PSU
Dimensions	Form factor: Tower server Chassis height: 430.3mm (16.94 in) Chassis width: 218mm (8.58 in)

	<p>Chassis depth: 603 mm (23.7 in)</p> <p>Note: These metrics do not include PSU handle, bezel, or tower foot</p> <p>Chassis weight: 26 kg (55.67 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 Essentials</p> <p>OpenManage Power Center</p> <p>OpenManage Mobile (requires OM Enterprise or OM Essentials)</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</p> <p>Operations Manager i (OMi)</p> <p>IBM Tivoli Netcool/OMNIbus</p>
Tools	iDRAC Service Module

	<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>Secure Erase</p>
I/O & Ports	<p>Networking Options:</p> <p>2 X 1GbE LOM</p> <p>Front Ports: 1x USB 3.0, 1x iDRAC micro USB 2.0 management port</p> <p>Rear Ports: 2x USB 3.0, 4x USB 2.0, VGA, serial connector</p> <p>Internal USB: 1x internal USB 3.0</p> <p>4 x PCIe Slots:</p> <p>1x8 Gen3 (x16 connector) FH/HL</p> <p>1x8 Gen3 (x8 connector) FH/HL</p>

	<p>1x4 Gen3 (x8 connector) FH/HL</p> <p>1x1 Gen3 (x1 connector) FH/HL</p>
Supported operating systems	<p>Certify XenServer</p> <p>Citrix® XenServer®</p> <p>Microsoft Windows Server® with Hyper-V</p> <p>Red Hat® Enterprise Linux</p> <p>Ubuntu Server</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>

⁶ ESXi (only OS supported)

ORDERING INFORMATION

Configured Models

[Dell T340 E-2224G/8G*1/1TB 7.2K SATA 3.5*1/DVDRW/495W*1/3.5-4](#)

[Dell PowerEdge T340 E-2124/8GB/1TB 7.2K SATA/DVDRW/495W/3.5-4 Server](#)

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)

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SOURCES

https://i.dell.com/sites/csdocuments/Product_Docs/en/dell-emc-powerededge-t340-spec-sheet.pdf