



Dell PowerEdge T140 Server Datasheet



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OVERVIEW

The PowerEdge T140 is the easy to use, safe, and practical entry-level one-socket server for your growing business.

Figure 1. Dell PowerEdge T140 Server



FEATURES

Make IT easy

The Dell EMC PowerEdge T140 is easy to set up and easy to use, allowing you to focus on your business. The PowerEdge T140 enables you to work on your everyday business applications efficiently. The PowerEdge T140 can also conveniently be used in various locations due to enhanced 14G thermal efficiency and quiet acoustics. The PowerEdge T140 enables you to work on your everyday business applications efficiently such as file and print, mail and messaging and point of sale.

- Work more efficiently with improved performance due to 50% more cores with Intel® Xeon® E-2200 processors, 11% increase in memory speed, and 20% more PCIe lanes.¹
- Get set up as much as 66% faster with our ProDeploy suite of services.²
- Work in wider operating temperature and humidity levels with Fresh Air 2.0 capable hardware.

Intuitive system 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 T140 is easily managed which frees up time for work priorities.

- Simplify management with the New OpenManage Enterprise console, with customized reporting and automatic discovery.
- Resolve issues with less IT effort with ProSupport Plus and SupportAssist proactive and predictive technology.

Keep your data safe

Every PowerEdge server is made with a cyber-resilient architecture, building security into the server's entire life cycle. The T140 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 Based on Dell EMC Internal analysis comparing T140 vs the previous generation. September 2018.

² 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.

SPECIFICATION

Specification	Dell PowerEdge T140 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)
Drive bays	Up to 4 x 3.5" cabled bays
Power supplies	Single cabled 365W PSU
Dimensions	Form factor: Mini tower server Chassis height: 360mm (14.17 in) Chassis width: 175mm (6.89 in) Chassis depth: 454 mm (17.9 in) Chassis weight: 11.84 kg (26.10 lb.)
Embedded management	iDRAC9 with Lifecycle Controller iDRAC Direct iDRAC RESTful API with Redfish

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	<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>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 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>

	VMware® ESXi
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.
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.

ORDERING INFORMATION

Configured Models
Dell T140 E-2224G/8GB/1TB 7.2K SATA 3.5*1/DVDRW/365W Cabled PS/3.5-4
Dell PowerEdge T140 E-2124/8GB/1TB 7.2K SATA/DVDRW/365W/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-t140-spec-sheet.pdf