

poweredge-t140-spec-sheet.pdf

This is a document from the site i.dell.com

DELL EMC

T140 SPEC SHEET



POWEREDGE T140

Focus on your business, we'll handle IT

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

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-2100 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 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 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.

PowerEdge T140

- Improved performance due to 50% more cores
- 11% increase in memory speed
- Protect your server from malicious changes with iDRAC9 Enterprise Server Lockdown mode

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 SC900 and SC420 and networking components. Actual results will vary.

PowerEdge T140	
Features	Technical Specification
Processor	1 processor from the following Intel® Xeon® E-2100 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: 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	OpenManage Enterprise OpenManage Essentials OpenManage Power Center OpenManage Mobile (requires OM Enterprise or OM Essentials)
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) Secure Erase
I/O & ports	Networking options: 2 X 1GbE LOM Front Ports: 1x USB 3.0, 1x iDRAC micro USB 2.0 management port Rear Ports: 2x USB 3.0, 4x USB 2.0, VGA, serial connector Internal USB: 1x internal USB 3.0 4 PCIe Slots: 1x8 Gen3 (x16 connector) FHHL 1x8 Gen3 (x8 connector) FHHL 1x4 Gen3 (x8 connector) FHHL 1x1 Gen3 (x1 connector) FHHL
Supported 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 .

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.*

©2018 Dell Inc. All rights reserved. Dell, the DELL logo, the DELL logo, PowerEdge, and OpenManage are trademarks of Dell Inc. Other trademarks and trademarks may be used in this document to refer to either the entities claiming the marks and names of their products. Dell disclaims proprietary interest in the marks and names of others. This document is for informational purposes only. Dell reserves the right to make changes without notice to any products herein. The content herein is subject to change without notice.
*Licensing and financing provided and serviced by Dell Financial Services L.L.C. or its affiliate or designee (DFS) for qualified customers. Offers may not be available or may vary in certain countries. Where available, offers may be subject to credit review and other applicable restrictions. Some restrictions may apply. For more information, contact your Dell representative. ©2018 Dell Inc. All rights reserved. Dell, the DELL logo, the DELL logo, PowerEdge, and OpenManage are trademarks of Dell Inc.

DELL EMC