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Dell EMC PowerEdge T440 and T430 server comparison matrix

The PowerEdge T440 system has the following features compared with the T430 system.

Feature	PowerEdge T440	PowerEdge T430
Processor	Up to two 2nd Generation Intel® Xeon® Scalable processors with up to 16 cores per processor	Up to two Intel® Xeon® processor E5-2600 v3 or E5-2600 v4 product family with up to 18 cores per processor
Chipset	Intel® C620 chipset	Intel® C610 chipset
Accelerators	Up to one NVIDIA Quadro P4000	NA
Memory		
DIMM Speed	Up to 2666MT/s	Up to 2400MT/s
Memory Type	RDIMM	RDIMM
Memory Module Slots	16 DDR4 DIMM slots	16 DDR4 DIMM slots
Maximum RAM	RDIMM 1TB	RDIMM 384GB
Storage		
Front Bays	Up to 4 x 3.5" SAS/SATA (HDD), max 56TB	Up to 4 x 3.5" SAS/SATA (HDD), max 56TB
	Up to 8 x 3.5" SAS/SATA (HDD/SSD), max 96TB	Up to 8 x 3.5" SAS/SATA (HDD), max 96TB
	Up to 16 x 2.5" SAS/SATA (HDD/SSD), max 122TB	Up to 16 x 2.5" SAS/SATA (HDD), max 122TB
Storage Controllers		
Internal Controllers	H330	H330
	H730	H730
	H730P	H730P
	HBA330	HBA330
	H740P	
External Controllers	12Gbps SAS HBA	12Gbps SAS HBA
	H840	H830
Software RAID	S140	S130
Internal Boot	Boot Optimized Storage Subsystem (BOSS): HW RAID 2 x M.2 SSDs 240GB or 480GB	NA
	Internal USB	Internal USB
	Internal Dual SD Module* ⓘ **NOTE:** *ESXi (only OS supported)	Internal Dual SD Module* ⓘ **NOTE:** *ESXi (only OS supported)

Feature	PowerEdge T440	PowerEdge T430
Operating Systems	Canonical® Ubuntu® LTS	Canonical® Ubuntu® LTS
	Citrix® Hypervisor®	Citrix® Hypervisor®
	Microsoft® Windows Server® LTSC with Hyper-V®	Microsoft® Windows Server® LTSC with Hyper-V®
	Red Hat® Enterprise Linux	Red Hat® Enterprise Linux
	SUSE® Linux Enterprise Server	SUSE® Linux Enterprise Server
	VMware® ESXi®	VMware® ESXi®
Security	Cryptographically signed firmware	Cryptographically signed firmware
	Secure Boot	Secure Erase
	Secure Erase	System Lockdown (requires iDRAC)
	Silicon Root of Trust	TPM 1.2/2.0, TCM 2.0 optional
	System Lockdown (requires OpenManage Enterprise)	
	TPM 1.2/2.0, TCM 2.0 optional	
Management		
Embedded/At-the-Server	iDRAC9	iDRAC8 with Lifecycle Controller
	iDRAC9 Direct	
	iDRAC9 Enterprise	iDRAC8 Expess
	iDRAC RESTful API with Redfish	iDRAC8 Enterprise
	iDRAC QuickSync 2.0	iDRAC Quick Sync
Consoles	OpenManage Enterprise	OpenManage Essential
	OpenManage Enterprise Power Manager	OpenManage Enterprise
		OpenManage Enterprise Power Manager
Mobility	OpenManage Mobile	OpenManage Mobile
Tools	Dell EMC RACADM CLI	Dell EMC RACADM CLI
	Dell EMC Repository Manager	Dell EMC Repository Manager
	Dell EMC System Update	Dell EMC System Update
	Dell EMC Server Update Utility	Dell EMC Server Update Utility
	Dell EMC Update Catalogs	Dell EMC Update Catalogs
	iDRAC Service Module	iDRAC Service Module
	IPMI Tool	IPMI Tool
	OpenManage Server Administrator	OpenManage Server Administrator
OpenManage Integrations	BMC® Truesight	BMC® Truesight
	Microsoft® System Center	Microsoft® System Center
	RedHat® Ansible® Modules	VMware® vCenter
	VMware® vCenter	
OpenManage Connections	IBM Tivoli® Netcool/OMNIbus	Manager Dell OpenManage Plug-in for Oracle® Database Manager
	IBM Tivoli® Network Manager IP Edition	HP Openview

Feature	PowerEdge T440	PowerEdge T430
	Micro Focus® Operations Manager I	IBM Tivoli® Netcool® and CA Network and Systems Management
	Nagios® Core	
	Nagios® XI	
Power Supply	450W Bronze (Cabled PSU)	450W Bronze (Cabled PSU)
	495W Platinum	495W Platinum
	750W Platinum	750W Platinum
	1100W Platinum	1100W Platinum
	Up to 2 fans with full redundancy	Up to 2 fans with full redundancy
Ports		
Network Options	2 x 1GbE	2 x 1GbE
Front Ports	1 x Dedicated iDRAC micro-USB	1 x USB 3.0
	1 x USB 2.0	
	1 x USB 3.0	
Rear Ports	2 x USB 2.0	4 x USB 2.0
		1 x USB 3.0
Internal Ports	4 x USB 3.0	1 x USB 3.0 to IDSDM
		1 x Dedicated iDRAC micro-USB
Slots		
PCIe	2 x Gen3 slots (2 x4)	2 x Gen2 slots (2 x8)
	2 x Gen3 slots (2 x8)	2 x Gen3 slots (2 x8)
	1 x Gen3 slot (1 x16)	2 x Gen3 slots (2 x16)
Video Card	1 x VGA	1 x VGA
Bezel	Optional LCD bezel or security Bezel	Optional LCD bezel or security Bezel
Form Factor	Tower Server	Tower Server
Dimensions and Weight		
Height	430.3mm (16.94")	471.3mm (18.55")
Width	218mm (8.6")	304.5mm (11.98")
Depth	594.82mm (23.4")	594.82mm (23.41")
Weight	29.3kg (64.6lb)	36kg (79.37lb)