

Dell T340 Servers VS Lenovo ST250 Servers

Server Model		Dell PowerEdge T340 Tower Server	Lenovo ThinkSystem ST250 Tower Server
Advantages of Dell Servers		Dell supports 4 PCIe slots (including 1 x 8 PCIe 3.0 (x8 interface), 1 x4 PCIe 3.0 (x8 interface)). Lenovo supports 4 PCIe slots (including 1 x4 PCIe 3.0 (x8 interface), 1 x4 PCIe 3.0 (x8 interface)).	
Disadvantages of Dell Servers		The ST250 server supports the NVIDIA Quadro P620 Active GPU 4X67A11584, Tackle graphics-intensive workloads such as VDI.	
Performances	Processor	Intel® Xeon® processor E-2100 product family Intel® Core™ i3 Intel® Pentium® Intel® Celeron®	Intel® Xeon® processor E-2100 product family Intel® Core™ i3 Intel® Pentium® Intel® Celeron®
	Front Side Bus	2666MT/s	2666MT/s
	RAM	Architecture: Up to 2666MT / ss DDR4 UDIMM Memory type: UDIMM Number of memory module slots: 4 Maximum memory capacity: up to 64 GB	Architecture: Up to 2666MT / ss DDR4 UDIMM Memory type: UDIMM Number of memory module slots: 4 Maximum memory capacity: up to 64 GB
	Chipset	Intel® C246 Chipset	Intel® C246 Chipset
	USB	Rear IO 2 USB3.0 + 4 USB 2.0 Front IO 1 USB 3.0 1 Micro USB 2.0 (dedicated iDRAC Direct) 1 Internal USB 3.0	1 front USB 3.1 G1 port and USB 2.0 port (for XCC mobile) 2 rear USB 3.1 G2 ports 2 rear USB 3.1 G1 ports 1 serial Com port 1 VGA port

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	I/O Slots	4 PCIe slots 1 x8 PCIe 3.0 (x16 interface) 1 x8 PCIe 3.0 (x8 interface) 1 x4 PCIe 3.0 (x8 interface) 1 x1 PCIe 3.0 (x1 interface)	4 PCIe slots 1 x8 PCIe 3.0 (x16 interface) 1 x4 PCIe 3.0 (x8 interface) 1 x4 PCIe 3.0 (x4 interface) 1 x1 PCIe 3.0 (x1 interface)
	Network Card	Onboard: Broadcom® 5720 dual port network card	2 1GbE ports (standard); 1 dedicated 1GbE management port
Scalability	Processor	Single CPU, non-scalable	Single CPU, non-scalable
	Hard drive capacity	Up to eight 3.5-inch hot-swap HDD hard drives Supports up to 8 x 3.5" hot-swap hard drives or 8 x 2.5" hot-swap hard drives Support 14TB HDD; can be equipped with up to 112TB; 2.5" SATA 7.2K 2.5" Near Line SAS 7.2K 2.5" SAS 10K HDDs 2.5" SAS 15K HDDs 3.5" Enterprise SATA 7.2K HDDs 3.5" Near Line SAS 7.2K HDDs 2.5" SATA Solid State Drives (SSDs) HDDs capacities: 300 GB, 600 GB, 900 GB, 1 TB, 1.2 TB, 1.8 TB, 2TB, 2.4TB, 4 TB, 8TB, 10TB, 12TB, 14TB SSD capacities: 120 GB, 200 GB, 240 GB, 400 GB, 480 GB, 480 GB, 960 GB, 1.2 TB, 1.6 TB, 1.92 TB, 3.84 TB	Up to eight 3.5-inch simple-swap and hot-swap SATA / SAS bays; Up to 16 2.5-inch hot-swap SATA / SAS; Two 5.25-inch media bays (for optical drive or tape); 1 M.2 support
	DIMMs	DDR4 ECC Unbuffered (UDIMM)	TruDDR4 ECC RAM
	RAID Controller	Software and hardware RAID, Internal PERC and plug-in card options: S140, H330 +, H730P +	Intel RSTe software RAID support; supports multiple hardware RAID configurations

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Usability	Chassis	5U Tower	4U Tower
	DVD	Support DVD read-write optical drive and DVD ROM optical drive	Support DVD read-write optical drive and DVD ROM optical drive
	Power Supply	Hot-pluggable redundant 495W PSU or single wired 350W PSU	550W 80 PLUS platinum redundant power supply; 250W single power
Management	Software	System Management: iDRAC9 with Lifecycle Controller: Basic, Express and Enterprise	Lenovo XClarity Controller; TPM 1.2 embedded (optional TPM 2.0)
	Operating system compatibility	WS2019*, WS2016, WS2012 R2, RHEL, SUSE, Ubuntu, CentOS, VMWare ESXi, Citrix Xen Server	Microsoft, SUSE, Red Hat, VMware vSphere, Microsoft Windows client operating system-Win10 tested
Services	Length of service	1 year/2 years/3 years/4 years/5 years/6 years/7 years	1 and 3 years limited warranty and onsite service
	Phone support	7*24	Next business day 9x5 service
	On-site response	4 hours onsite service	/
	Upgrade service	4 hours diagnostic service (3, 4, 5 years)	Optional service upgrade

Related Sources

Learn More about the server comparisons of Dell and competitors:

[Dell T140 Servers VS Lenovo ST50 Servers](#)

[Dell T440 Servers VS Lenovo ST550/ST558 Servers](#)

[Dell T640 Servers VS HPE ML350 Servers VS Lenovo ST550 Servers](#)

[Dell R240 Servers VS Lenovo SR150 Servers](#)

[Dell R340 Servers VS Lenovo SR250 Servers](#)

[Dell R440 Servers VS H3C R2700 Servers VS Lenovo SR530/SR570](#)

[Dell R540 Servers VS H3C R2900 Servers VS Lenovo SR550/SR590 Servers](#)

[Dell R640 Servers VS Servers of HPE, H3C, Lenovo, Huawei, Inspur and Sugon](#)

[Dell R740 Servers VS Servers of HPE, H3C, Lenovo, Huawei, Inspur and Sugon](#)

[Dell R840 Servers VS HPE DL560 VS Lenovo SR850 VS Huawei RH2488 VS Inspur NF8260 Servers](#)

[Dell R940 Servers VS Servers of HPE, H3C, Lenovo, Huawei, Inspur and Sugon](#)

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