

Server Specification [Dell PowerEdge T640]

Element	Description
Specification	<ul style="list-style-type: none"> - Intel Xeon Scalable processors, up to 28 cores per processor - Up to 24 DIMMs (support for DDR4 RDIMM, LR-DIMM) or 12 NVDIMM-N support. - Two hot swappable power supply units - Drive configurations up to: <ul style="list-style-type: none"> ▪ 18 x 3.5 inch SAS/SATA/SSD drives ▪ 8 x 3.5 inch SAS/SATA/SSD drives ▪ 32 x 2.5 inch SAS/SATA/SSD drives ▪ 16 x 2.5 inch SAS/SATA/SSD drives with 8 x NVME drives ▪ 16 x 2.5 inch SAS/SATA/SSD drives
Memory	<ul style="list-style-type: none"> - 32GB, speeds up to 2993MT/s - Supports RDIMMs/LRDIMMs - Speeds up to 2933MT/s, 3TB max - Up to 12 NVDIMM, 192GB max
Storage	<ul style="list-style-type: none"> - Software RAID (SWRAID) Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB - 2TB x 2 -
Drive bays	<ul style="list-style-type: none"> - Up to 8 or 18 x 3.5" SAS/SATA (HDD/SSD) max 216TB or up to 16 or 32 x 2.5" SAS/SATA (HDD/SSD) max 122TB or up to 16 x 2.5 SAS/SATA (HDD/SSD) + 8x NVMe SSD max 112TB
I/O & Port	2 x 10GbE LOM (1GbE/10GbE) 8 x USB (1 x USB 2.0, 1 x USB 3.0, 6 x USB 2.0/3.0) dedicated IDRAC Direct Micro-USB Video card: VGA Up to 8 PCIe Gen3 slots
Tower/Rack	5U tower
Availability	<ul style="list-style-type: none"> - Hot-plug Drives - Hot-plug Redundant Cooling - Hot-plug Redundant Power Supplies - BOSS - IDSDM
OS	<ul style="list-style-type: none"> - Genuine Microsoft Windows Server 2019
Optical drive	SATA DVD-ROM drive or DVD +/-RW drive