



Network Server Specifications

Manufacturer	Cabinet type:	Dell
	Base: PowerEdge Tower	
	PERFORMANCE	
Motherboard	PowerEdge T640 Motherboard	
Operating System	Windows Server 2019 Standard	TPM Enabled
Trusted Platform Module	TPM Enabled	Module: 1.2/2.0
Chassis	Up to 8" x 3.5 SAS/SATA Hard Drives	Tower Configuration
Configuration	Tower/ Rack Mount	
Processor	Manufacturer: Intel	Intel Xeon Silver/Gold
Processor Thermal Configuration	Standard	
BIOS		
	OPERATING SYSTEM	
	Windows Server	2019 Standard
Licenses	Windows Server	2019 Standard Ed
OS Media Kits		
Client Access Licenses	1 Pack of Windows Server	2019 Device CALs/Standard
Group Manager	iDRAC Group Manager	Enabled/Disabled
Password	iDRAC, Factory Generated Password	
	MEMORY and STORAGE	
Memory DIMM Type & Speed	32 GB	3200MT/s (RDIMM)
Memory Configuration Type	Performance Optimized	
Memory	RDIMM, 3200MT/s Dual Rank	32GB
RAID	C3, RAID 1	for 2 HDDs or SSDs (Matching Type/Speed/Capacity)
RAID/Internal Storage Controllers	PERC H330,H730P, H740P, HBA330 / Integrated RAID CONTROLLER/HBA11	
Hard Drive (PCIe SSD/Flex Bay)	Solid State Drive (preferred)	1.92TB SSD SATA READ INTENSIVE

		6Gbps 512 2.5in Hot Plug AG Drive, 3.5in HYB CARR, 1 DWPD
	HD Interface	SSD, SATA
Storage		
Boot Optimized Storage Cards		
Removable Storage		
LTO Tape Media		
Host Bus Adapter	Emulex	
NVMe & PCIe Storage Adapters	PERC G840 RAID Adapter/SAS	
IDSDM & VFlash Card Reader		None
Internal SD Module		None
Internal Optical Drive	Internal for x8/x18/x16 Chassis	DVD +/-RWSATA,
Bezel	Tower Standard Bezel for PowerEdge	8 Drive Chassis
BIOS & Advanced System Configuration Settings	Power Saving Dell Active Power Controller	
Rack Rails	None	
	Server Accessories	
Keyboard & Optical Mouse	USB, Black / English	
System Documentation	Electronic System Documentation & OpenManage DVD Kit	PowerEdge
	I/O and Ports	
	2x 10GbE LOM	
	8 x USB (1xUSB 2.0; 1xUSB 3.0; 6xUSB2.0/3.0)	
	Dedicated iDRAC Direct Micro-USB	
Video Card	VGA	
	Up to 8 PCIe / Gen 3 slots	
	POWER	
Power Supply	Redundant Power Supply (1+1), 750+W	Dual, Hot-plug
Power Cords	NEMA 5-15P to C13 Wall Plug	125 Volt, 15 AMP, 10 ft (3m), North America
	WARRANTY and SUPPORT	
Enabled Virtualization		None
Deployment Services		No Installation
Warranty	ProSupport and Next Business Day Onsite Service	36 Months