

Dell PowerEdge R750

SKU: dell-r750 · Brand: Dell Technologies · Category: Servers · Family: PowerEdge · Type: 2U dual-socket rack server

Overview

A performance-leading 2U server optimised for dense NVMe storage and data-analytics workloads — 3rd-gen Xeon scalability, PCIe Gen4 and up to 32 drives behind iDRAC9 management.

Specifications

Form factor	2U rack
Processor	Up to 2× 3rd Gen Intel Xeon Scalable
Memory	Up to 8TB DDR4 (32 DIMM slots @ 3200MT/s)
Storage	Up to 32 drives; 24 NVMe capable
Network	Up to 4× 25GbE or 2× 100GbE
Power	Redundant hot-plug PSUs up to 2800W
Management	iDRAC9 Enterprise, OpenManage
Warranty	3-year ProSupport (extendable)

Key Highlights

- PCIe Gen4 doubles I/O bandwidth
- Up to 24 NVMe drives for analytics
- 8 TB memory ceiling for in-memory databases
- iDRAC9 + OpenManage zero-touch deployment

Specification values per manufacturer documentation · issued by Digital Equipment Ltd. · generated 14 September 2026. Referenced SKU dell-r750.