



Unlock more mixed storage performance on Dell PowerEdge R750 servers with Broadcom PCIe Gen4 RAID controllers

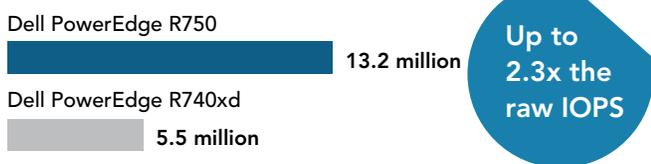
compared to Dell PowerEdge R740xd servers with Broadcom PCIe Gen3 RAID controllers



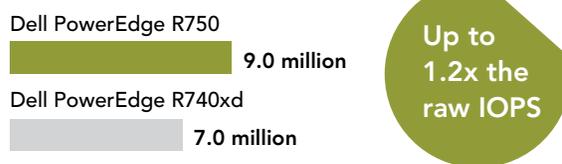
We compared the server and mixed SAS/NVMe™ drive storage performance of a 15G Dell PowerEdge™ R750 server with a Broadcom PCIe® Gen4 RAID controller (Dell PERC H755) to that of a 14G Dell PowerEdge R740xd with a Broadcom PCIe Gen3 RAID controller (Dell PERC H740P).

Handle more storage requests

4KB random read FIO results with 16 SAS and 8 NVMe drives
IOPS | Higher is better

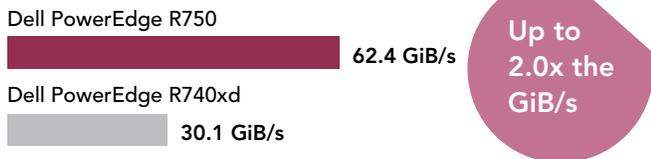


4KB random write FIO results with 16 SAS and 8 NVMe drives
IOPS | Higher is better

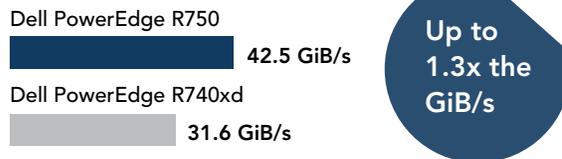


Maintain more concurrent throughput

1MB sequential read FIO results with 16 SAS and 8 NVMe drives
Throughput | Higher is better



1MB sequential write FIO results with 16 SAS and 8 NVMe drives
Throughput | Higher is better



Comparing server capabilities

Want to see all of our test results as well as a 15G vs. 14G server feature comparison table? In addition to these 16 SAS and 8 NVMe mixed drive results, we also tested with three more mixed SAS/NVMe drive configurations. Click below for an in-depth look at our testing and results.

Learn more at <https://facts.pt/4Xw0EX6>