

Watch your transactional database performance climb with Intel Optane DC persistent memory

Dell EMC PowerEdge R740xd servers with Intel Optane DC persistent memory handled more transactions per minute than configurations with NAND flash NVMe drives or SATA SSDs

Adding Intel Optane DC persistent memory to your Dell EMC PowerEdge R740xd server could boost transactional workload performance, allowing you to maximize your existing hardware without large investments in new server-and-storage solutions.

2.2x
the transactions
per minute

of a configuration
with two NVMe drives
without Intel Optane

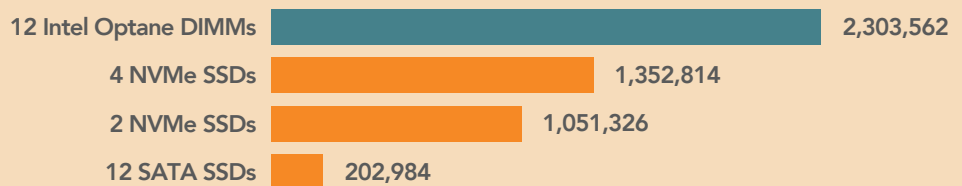
11.3x
the transactions
per minute

of a configuration with
12 SATA SSDs without
Intel Optane

Database transactions per minute

Higher is better

A Dell EMC PowerEdge R740xd server with...



What is Intel Optane DC persistent memory?

Straddling the line between memory and traditional storage devices such as NAND flash NVMe SSDs, Intel Optane DC persistent memory DIMMs are a new memory technology that can accelerate some data-intensive applications.

To learn more about Intel Optane DC persistent memory, visit <https://www.intel.com/content/www/us/en/architecture-and-technology/optane-dc-persistent-memory.html>.

Learn more at <http://facts.pt/gkuc7nc>