Process more transactions and create greater value with HPE ProLiant DL385 Gen10 servers configured with value SAS and NVMe mainstream SSDs

Configurations of an HPE ProLiant DL385 Gen10 server with RM5 Series value SAS and CD5 Series NVMe mainstream SSDs from KIOXIA had better transactional database performance than a configuration with SATA SSDs, yielding more performance for each dollar spent

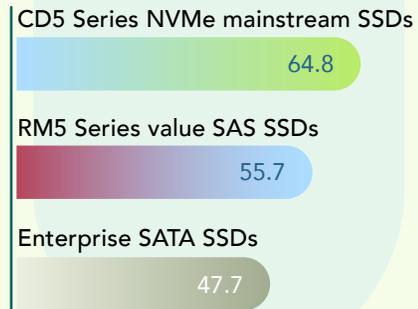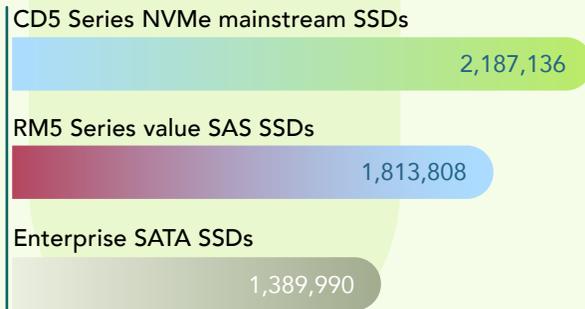Completing more database transactions can help your business support more users to grow ecommerce revenue.

Up to 57% more transactions per minute (TPM)

Transactions per minute
Higher is better

CD5 Series NVMe mainstream SSDs
2,187,136

RM5 Series value SAS SSDs
1,813,808

Enterprise SATA SSDs
1,389,990

In our scenario, value SAS and NVMe™ mainstream SSDs offered better value by delivering more transactions per minute (TPM) per dollar.

Up to 35% more TPM per dollar

Transactions per minute per dollar
Higher is better

CD5 Series NVMe mainstream SSDs
64.8
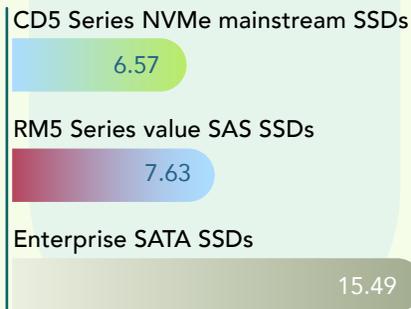
RM5 Series value SAS SSDs
55.7

Enterprise SATA SSDs
47.7

Low storage latency can minimize the wait times users experience when accessing a relational database.

Up to 57% lower write latency

Write latency (ms)
Lower is better

CD5 Series NVMe mainstream SSDs
6.57

RM5 Series value SAS SSDs
7.63

Enterprise SATA SSDs
15.49

With faster connection rates, KIOXIA value SAS and NVMe mainstream SSDs in HPE ProLiant DL385 Gen10 servers completed more database transactions than enterprise SATA SSDs.

Learn more at http://facts.pt/zjrz4zd