

ACCELERATE APPLICATION PERFORMANCE

Using Dell EMC PowerEdge™ servers with PCIe 4.0 SSDs

KIOXIA

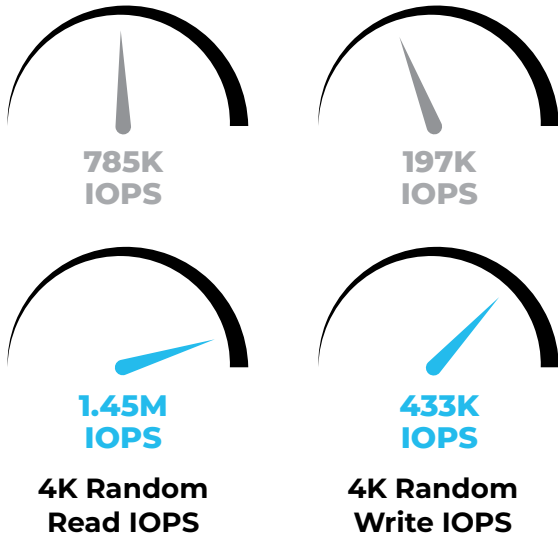
CM6 Series PCIe® 4.0 and NVMe™ SSDs



INTRODUCING KIOXIA CM6 Series

UP TO **85% MORE** READ IOPS

UP TO **120% MORE** WRITE IOPS



Intel P4510 Series

vs.

KIOXIA CM6 Series

Efficiently process and store business transactions in a consistent way faster with increased transaction rates and decreased latencies.

RAW PERFORMANCE IOPS

UP TO **274% MORE** THROUGHPUT



1.815 GB/sec

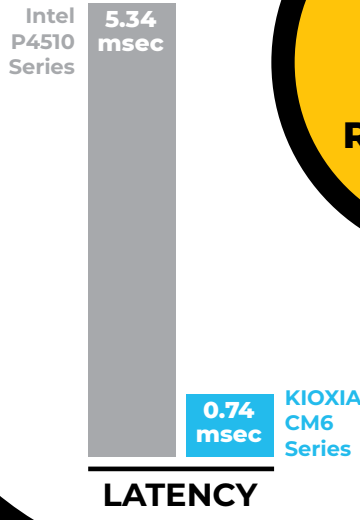
PCIe 3.0 Intel P4510 Series Data Center NVMe™ SSD



6.798 GB/sec

PCIe 4.0 KIOXIA CM6 Series Enterprise NVMe™ SSD

RAW PERFORMANCE THROUGHPUT (GB/sec)



UP TO **86% LATENCY REDUCTION**

LATENCY

UP TO **78% MORE** NOPM

Intel P4510 Series

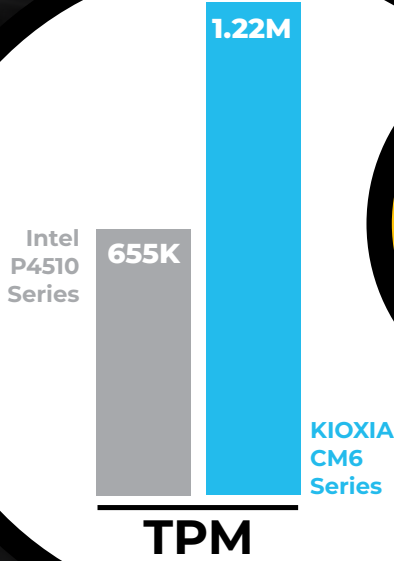
216K

384K

KIOXIA CM6 Series

NOPM

DATABASE PERFORMANCE COMPARISON FOR OLTP WORKLOADS



UP TO **86% MORE** TPM

TPM

KIOXIA

CM6 Series PCIe 4.0 and NVMe SSDs

Extreme Scale Infrastructure

powered by Dell PowerEdge server family with AMD EPYC™ processors and KIOXIA PCIe 4.0 NVMe SSDs—the powerful solution for OLTP, data analytics, and distributed database applications.