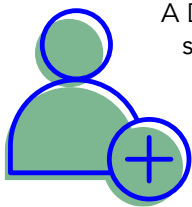


# Discover life after SATA with Dell EMC PowerEdge servers equipped with value SAS SSDs from Toshiba Memory

A PowerEdge MX solution with RM5 Series value SAS SSDs processed more simulated customer orders, responded in less time, and provided better per-system value than the same solution with enterprise SATA SSDs

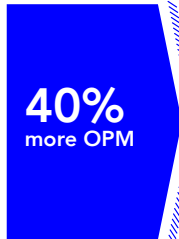
*Dell EMC PowerEdge MX-based vSAN cluster running a transactional database workload*

## Serve more customers



A Dell EMC™ PowerEdge™ MX server cluster configured with value SAS SSDs processed **40 percent** more orders per minute than the same server configured with enterprise SATA SSDs.

## Total orders per minute (OPM) *higher is better*



RM5 Series value SAS SSDs



1,334,660

Enterprise SATA SSDs



948,294

## Total latency (ms) *lower is better*



RM5 Series value SAS SSDs



5.7

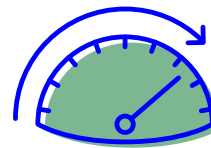
Enterprise SATA SSDs



11.3

## Respond more quickly to customers' needs

The configuration with value SAS SSDs responded in roughly **half the time** of the configuration with enterprise SATA SSDs.



## Get more value for your money

RM5 Series value SAS SSDs from Toshiba Memory processed **45 percent** more orders per minute for every dollar than the enterprise SATA SSDs we tested.



## OPM per dollar *higher is better*



System with RM5 Series value SAS SSDs



4.9711

System with enterprise SATA SSDs



3.4101



## RM5 Series value SAS SSDs

Value SAS SSDs offer a 12Gb/s connection, up to 7.68 TB of storage per drive, and BiCS FLASH™ TLC (3-bit-per-cell) 3D flash memory.<sup>1</sup> The RM5 Series includes both read-intensive and mixed-use models to give enterprises flexibility to choose the most appropriate drive for their workloads.

Learn more at <http://facts.pt/l3l7pc4>

<sup>1</sup> Toshiba Memory, "Toshiba Memory America First to Deliver Value SAS SSDs Targeting SATA Applications," accessed April 3, 2019, <https://business.toshiba-memory.com/en-us/company/tma/news/2018/06/storage-20180619-1.html>.