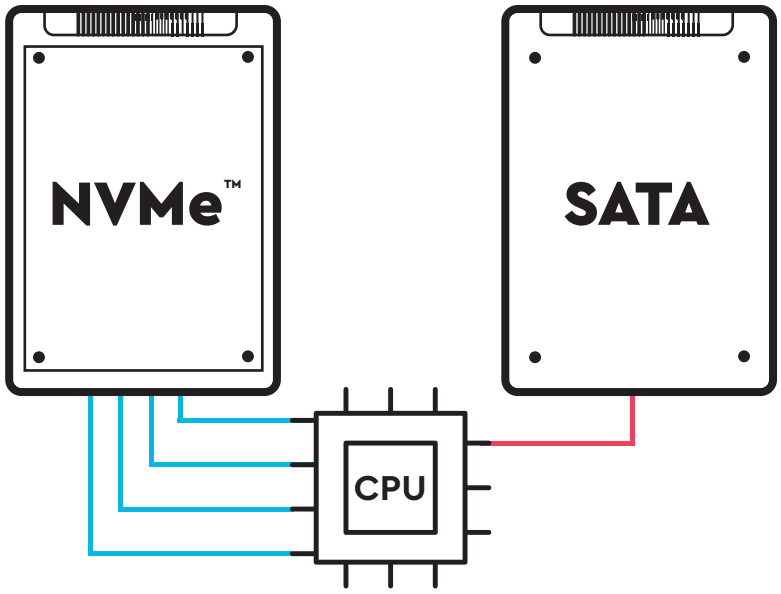
Future-Ready Your System

NVMe VS SATA

INFOGRAPHIC

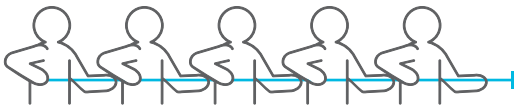
NVMe

A communications protocol optimized specifically to handle high bandwidth transfer speeds with up to 4 lanes per device Supports up to 1000MB/s per lane (PCIe Gen 3.1)



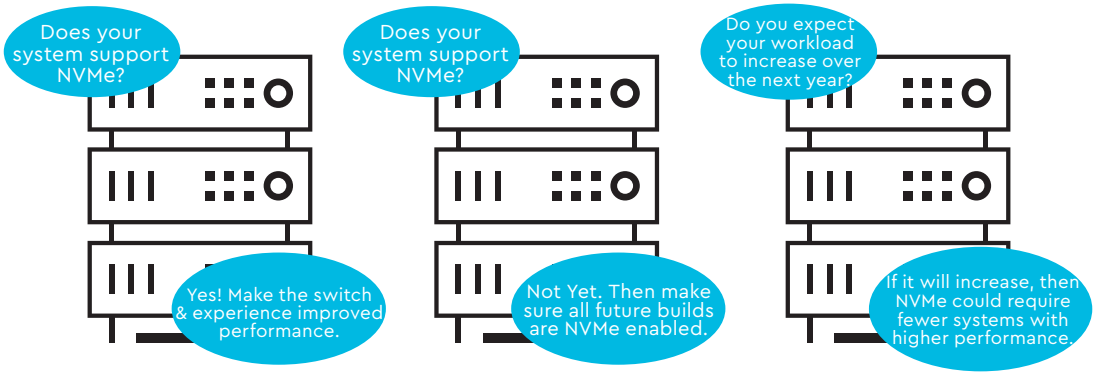
SATA

A communications protocol optimized for spinning magnetic disk. Supports up to 600MB/s transfer rate (SATA 6Gb/s)



Accomplish up to **5X*** more work using **NVMe** vs **SATA**

Is Your System Ready for the Future?



Applications for NVMe SSDs

Hyperconverged Infrastructure (HCI) Virtualization

Business Intelligence Database

Content Streaming

NoSQL (Scale-Out) Databases

Software Defined Storage

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*Theoretically, 4-lane NVMe interface delivers up to 7x better performance than SATA based on 1000MB/s per lane NVMe and 600MB/s SATA . Practically speaking, current NVMe SSDs have the capability of delivering up to 3-5X better sequential performance, depending on whether the workload is write or read.

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