**What is an NVM Express™ (NVMe™) SSD?**

- Speaks NVMe commands
- Built on the NVM Express™ specification for NVM Express™ SSDs
- Speeds across the PCIe® bus
  - Typically x4, x8 or x16 PCIe lanes

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**Form Factor Evolution of SSDs**

- **EDSFF**: Form Factors for the Next Generation Hyperscale and Enterprise Data Centers

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**Benefits of EDSFF SSDs**

- Supports OCP NVMe Cloud SSD specification
- Addresses limitations with M.2, AIC and 2.5-inch (U.2) form factors
- Improves thermal and cooling management
- Supports hot plug
- Common connector for all form factors
- Range of power envelopes for higher performance profiles
- More robust signal integrity for future PCIe generations
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**Where to Find More on EDSFF?**

- Open Compute Platform NVMe Cloud SSD Specification: [https://www.opencompute.org/wiki/Storage#Documents](https://www.opencompute.org/wiki/Storage#Documents)
- SNIA SSD Form Factors Web Page: [https://www.snia.org/forums/cmsi/knowledge/formfactors](https://www.snia.org/forums/cmsi/knowledge/formfactors)