Foremay Delivers World's Largest 2.5" NVMe U.2 SSD

An 8 TB jumbo capacity SSD has been achieved that combines ultra-high speed PCIe x4 lanes with a standard 2.5" form factor U.2 NVMe, formerly known as SFF-8639.

PASADENA, California – September 26, 2016 - Foremay, Inc., a leader of technology innovation in rugged solid state drives and one of the world's Top 10 SSD companies, today announced shipment of its 2.5" U.2 NVMe SSDs with a maximum capacity of 8 TB, which is currently the largest capacity NVMe SSD in the world. It is designed with PCIe x4 lanes which bring the maximum read/write speed up to 1.2 GB/s with latency as little as 25 microseconds. This standard 2.5" U.2 NVMe SSD with rugged metal housing is ideal for the next generation of rugged computers and servers.

"A 2.5" NVMe U.2 form factor is the natural choice of system designers for next generation high performance, rugged computers and servers," said Jack Winters, Foremay's CTO and co-founder. "It combines the high speed and low latency of PCIe protocols with a legacy 2.5" SATA form factor in a rugged metal housing. "

Foremay's 2.5" NVMe U.2 SSDs are designed with high performance and high reliability for industrial and military applications. In addition to a large capacity up to 8 TB, they also incorporate the features below (some of which are optional) for mission critical and rugged server applications.

* AES-256 hardware-based encryption engine with the capability of crypto erase.
* SED (Self-encrypting drives) features in compliance with TCG Opal 2.0 specifications.
* Military secure erase and fast erase features.
* Rugged designs with anti-shock and anti-vibration, meeting MIL-STD-810G/F standards.
* Anti-radiation and anti-emission, both electrical and magnetic, for aerospace applications subject to the customer's specifications.
* On-board UPS to protect the device from unexpected external power loss.

Product Availability

Foremay's 2.5" NVMe U.2 SSDs are in production now, offered at both industrial and commercial operating temperatures. For more information, please contact info@foremay.net.

About Foremay

Founded in the Silicon Valley in 2002, Foremay, Inc., is a leading organization dedicated to technological innovation in rugged and secured Solid State Drives (SSDs) for highly reliable mission-critical computing, industrial computing, and rugged servers. Foremay is headquartered in Pasadena, California, USA. For more information, please visit www.foremay.net.

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