Quality Assurance

UNH-IOL NVMe Consortium offers several avenues to help implementers demonstrate the conformance of products to the NVMe specification as well as interoperability in various NVMe environments.

- Public Conformance and Interop Test Suite Documents
- Common Conformance Test Tools
- Interoperability Test Bed
- Independent Test Reports

Testing is currently available for
- NVMe SSDs
- PCIe Host Platforms with NVMe drivers

Members gain access to IOL INTERACT software, which streamlines the NVMe Conformance Test Suite. IOL INTERACT performs the same tests that the UNH-IOL performs in determining specification conformance. Members may use the IOL INTERACT tool in their own lab in order to fully prepare for conformance testing at UNH-IOL.

Integrators List

The UNH-IOL NVMe Integrators List announces conformant and interoperable implementations. [https://www.iol.unh.edu/services/testing/NVMe/integratorslist.php](https://www.iol.unh.edu/services/testing/NVMe/integratorslist.php)

Integrators List requirements have been defined by the NVM Express Organization, with a focus on conformance and interoperability testing performed at UNH-IOL.

Testing and Reports

Membership with the UNH-IOL NVMe Consortium entitles your company to perform testing on your products and receive detailed test reports to help reduce sales barriers and speed your R&D and QA processes, reducing time to market. Due to its unique membership structure UNH-IOL is able to offer members retesting at no extra charge. That means that if a device fails NVMe testing during a regularly scheduled testing slot, it can be rescheduled and retested in a later slot at no additional charge.

In addition to the currently available test suites, members can work with the Consortium to define vendor or service provider specific test plans to be executed on their equipment.