ULINK®

Storage Device Testing Made Easy

Complete Protocol, Regression and Security Testing for SSDs and HDDs
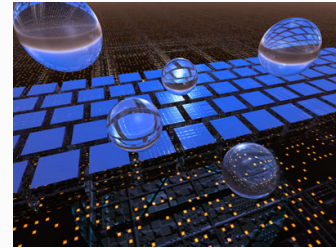

We are excited to announce that ULINK NVMe Protocol Test Suite v5.0 is now available!

ULINK NVMe Protocol Test Suite v5.0 includes new test cases to support **NVMe 1.4 Specification**. DriveMaster 9 NVMe is required to run ULINK NVMe Protocol v5.0.

Revisions in NVMe Protocol v5.0:

- **New Test Sets:**
  - **>** Namespace Attachment & Management
    - **>>** Namespace Create, Delete, Attach, Detach
    - **>>** Identify with CNS = 10h, 11h, 12h, 13h
  - **>** Get/Set Feature with Host Memory Buffer

- **Utility for Namespace Attachment & Management**

- **Identify:**
  - **>** Add the support to CNS = 3
  - **>** Add new cases to CNS = 2

- **Get Log:**
  - **>** Add the support to Log ID = 07h-0Fh
  - **>** Add the cases to test Log Page Offset

- **Get/Set Feature:**
  - **>** Add the support to Feature ID = 10h, 12h-15h, 17h, 18h, 84h
  - **>** Add the handling to Feature ID which persists Across Power Cycle and Reset

- **Sanitize:**
  - **>** If Sanitize w/Overwrite operation is supported, it is tested in ULINK NVMe Regression Test Suite version 4.0 (Coming Soon) or above
  - **>** Add the handling to avoid DriveMaster from crashing during Power Cycle when Sanitize is in progress and Microsoft NVMe Driver over OS v19xxx or above is used.
  - **>** Add the support to "No-Deallocate Inhibited" and Sanitize Config with "No Deallocate response mode"
  - **>** Add the support to apply the corresponding estimated time for Sanitize with or without "No- Deallocate Media Modification"
  - **>** Add the support to Sanitize status = 4
  - **>** Add the handling to the potential racing condition between Sanitize and Command tested when Sanitize is in progress
  - **>** Add the support to correctly retrieve CQE returned from AER if CQE of AER is returned before CQE of Sanitize

- **Submission Queues:** Add the support to the number of Submission Queues allocated being one in Create/Delete IO Queue, Asynchronous Event Request and Sanitize

- **Power States:** Add the support to the number of Power States being one in "Autonomous Power State Transition" in Power States

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To purchase or renew your test suites, please visit our **Contact Page** or contact your **ULINK representative.**

Contact us

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