



Greetings!



Please take a moment to read the latest news and updates from ULINK.

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DriveMaster 2015 NVMe Update *Available Now*

DriveMaster 2015 for NVMe is currently the leading software test tool for NVMe storage device. On this test platform, the user is able to test NVMe Protocol, Regression, TCG Opal, Pyrite, Ruby and Enterprise SSC functions. In 2018, we support new NVMe specs version 1.3a as well as enhance current testing functions to make the tool even more user friendly.



NEW features in DriveMaster v1300:

NVMe:

- Supports NVMe Spec. v1.3a
- Supports Metadata as part of an extended data LBA
- Supports Multiple IO Queues
- Create/Delete IO Queue
- Asynchronous Event Request
- Host Memory Buffer
- Sanitize
- Device Self Test etc.
- Utility for Firmware Download, Dataset Management
- Command Panel for NVMe Commands
- Toolbar button for NVMe Device Info
- Variables to easily access the info in IDENTIFY Power State Descriptor, LBA Format Descriptor, returned values from the corresponding

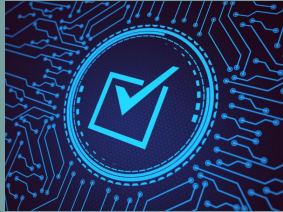
NVM_GETF_XXX

- Variables to easily access the info in NVMe Controller Status Register

TCG:

- Namespace Configurable Locking Feature Set
- Level 0 Discovery with
 - Pyrite v2.0 SSC, Ruby SSC
 - Namespace Level 0 discovery, Namespace Feature
 - Supported Data Removal

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TCG Certification Program Update

The compliance tests, based on the TCG Storage Opal SSC Test Cases Specification, will ensure that storage devices, storage security software vendors and compliance test suite vendors are compliant and inter operable with TCG's Opal Security Subsystem Class (SSC) versions 2.00 and 2.01, which define minimum functionality for SEDs.

ULINK Test Lab, as the first TCG approved Certification Test House, will offer certification tests for our customers. If a device passes the test, the customer has the option to submit the test results to TCG as part of TCG's qualification of Certified Storage Product List.

Furthermore, the device that passes TCG Certification Test will automatically be included in ULINK Test List (UTL). ULINK Test Lab has a professional team with years of experience in storage device testing. Besides offering TCG Compliance Tests, ULINK Lab also offers storage testing services such as TCG Protocol, SATA, NVMe, SAS Protocol and Regression tests. For more details on TCG Compliance and other ULINK Lab Testing services, please contact our team at sales@ulinktech.com.

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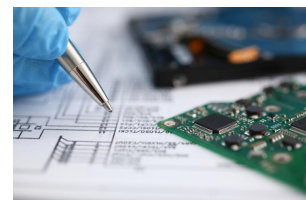
ULINK Test Suites Update & *Special Renewal Offer*

ULINK ATA Protocol v6.0:

- New tests for NCQ DSM, ATA/NCQ DSM_XL
- New tests for Accessible Max Address Configuration feature set
- Added more commands' verification (e.g. Sanitize, SCT, SMART) in SecuritySet
- Added cases to verify the command effect when StandBy Timer is enabled in PwrMgt
- Added cases to verify the effect of SSP and updated commands' verification during Sanitize progressing per ACS spec. revision supported in Sanitize

ULINK ATA Regression v5.0:

- New tests for Sanitize OverWrite



- Added PASS/FAIL info of each test in .csv file
- Allows the user to set the number of GoodData, Halt on GoodData/PowerOffData miscompare in PwrCycle_Datacmp and PwCycle_FullDiskScan
- Fixed the write boundary alignment in JedecWL_Ent
- Fixed the data miscompare due to the last PowerOff write command in PwCycle_FullDiskScan

If your suite subscription has expired or is expiring SOON, please contact our sales team for ULINK's **special renewal offer**. We now offer a discount program for early renewal customer. If you do not know your subscription status, please email contact@ulinktech.com for current status.

Below is ULINK's latest test suite release:

DriveMaster Release

DM 2015 SATA/SAS/NVMe: v7.1.1300

Test Suite Release

ULINK SATA Protocol: v6.0

ULINK SATA Regression: v5.0

ULINK SAS Protocol: v3.5

ULINK NVMe Regression: v2.0

TCG Opal App Note (NVMe/SATA): v3.5

TCG ENT App Note (SAS/SATA): v3.5

ULINK TCG/IEEE1667 (NVMe/SATA): v6.5

ULINK TCG Enterprise (SAS/SATA): v2.5

SATA-IO Device Digital: v3.0

SATA-IO Host Digital: v2.1

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