

OakGate OCP Cloud SSD v1.0a Compliance Test Suite for Enterprise-level Storage Devices

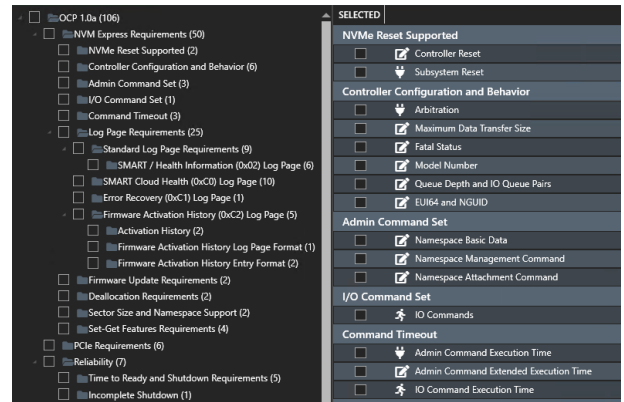
Key Features

- 90+ Compliance Tests
- Standalone Application
- Custom Installer
- Supported on OakGate SSD Test Appliances running SVF/Enduro
- Test category coverage:
 - PCIe
 - NVMe
 - Security
 - Power
 - Endurance
 - Thermal
 - SMBus
 - Reliability
 - Form Factor
 - Labeling
- Based on NVMe Cloud SSD Specification v1.0a

The Teledyne LeCroy Open Compute Project (OCP) v1.0a Cloud SSD Compliance Test Suite meets the unique needs and feature set of Hyperscale Data Centers compliance testing and provides an unprecedented level of functionality, performance, and ease of use for testing enterprise storage devices.

Hyperscale data centers host servers and storage networks supporting large-scale cloud, server, and storage needs. They serve a critical role in business and industry as they remain vigilant in cloud stability, security, up-time, and performance.

Hyperscale data centers maintain and manage large, enterprise-level, SSD systems and have specific needs managing SSDs at scale. Ensuring SSD compliance and functionality is key to optimize efficiency and reduce the risk of the interruption of data flow.



The newly ratified OCP Cloud SSD specification was developed by industry leaders to address large hyper-scaling applications and align the with industry trends. Testing for compliance using the OCP Cloud SSD v1.0a Compliance Suite software is key to achieving these goals. This collaboration leads to improvements in workload throughput and reduced latency.

Teledyne LeCroy's OCP v1.0a Compliance Suite can be licensed with OakGate SSD Test Solutions, used by the world's most prominent solid-state storage suppliers.

OCP Cloud Test Services are also offered through Teledyne LeCroy's Austin Labs, the premier third-party test and validation center for storage devices, to help customers deliver fully tested products to market on time and within budget. Teledyne LeCroy's Austin Labs is designed for highly accelerated testing, interoperability, and validation of enterprise products and solutions.



OPEN
Compute Project

Software Features			
NVMe Tests	Form Factor Tests	Endurance Tests	PCIe Tests
• NVMe Resets	• Generic Form Factor	• Endurance Data	• PCIe Maximum Payload
• NVMe Controller Configuration & Behavior	• M.2 Form Factor	• End of Life	• PCIe TLP Completion Timeouts
• NVMe Admin Command Set	• E1.S Form Factor	Thermal Tests	• PCIe Resets
• I/O Command Set	• E1.L Form Factor	• Throttling	• Boot
• Command Timeout	• Power Management	• Reporting	• PCIe Logging
• Log Page Requirements	SMBus Tests	• Shutdown	• Low Power Modes
• Firmware Updates	• SMBus Verification • Codes	Labeling Tests	Reliability Tests
• Deallocation	• SMBus Firmware Update Notification	• Manual Inspection	• PERST
• Sector Size and Namespace Support	• SMBus Data Verification	• Barcodes	• Controller Status Ready
• Set/Get Features	Security Tests	• Identify Command	• Shutdown Notification and Status
	• Unsupported Command Verification	Endurance Tests	• Device Stability and Data Integrity
	• Unsupported Feature Verification	• Endurance Data	• Fatal Status
	• Unsupported Log Page Verification	• End of Life	• Incomplete Shutdown
	• Secure Boot		

Ordering Information

Product Description

OCP Compliance Software Suite

OakGate OCP Cloud SSD v1.0a and v2.0 Compliance Test Software – Annual Subscription
OakGate OCP Cloud SSD v1.0a Compliance Test Software – Single Perpetual License

Product Code

OGT-OCP-1YR-SUB
OGT-OCP-100-BASE-SW

Compatible Gen4 SSD Test Appliances

OakGate Gen4 DE200 Desktop Appliance
OakGate Gen4 R300 Rackmount Appliance

OGT-DE200-G4
OGT-R300-G4

Compatible Gen4 and Expansion Enclosures

OakGate modules and expansion enclosures supports ALL connector types and form factors for Gen4: U.2, M.2, U.3, E1.S (E1.L-ruler format-is supported in the Expansion Enclosures only)



Local sales offices are located throughout the world.
Visit our website to find the most convenient location.
1-800-5-LeCroy • teledynelecroy.com

