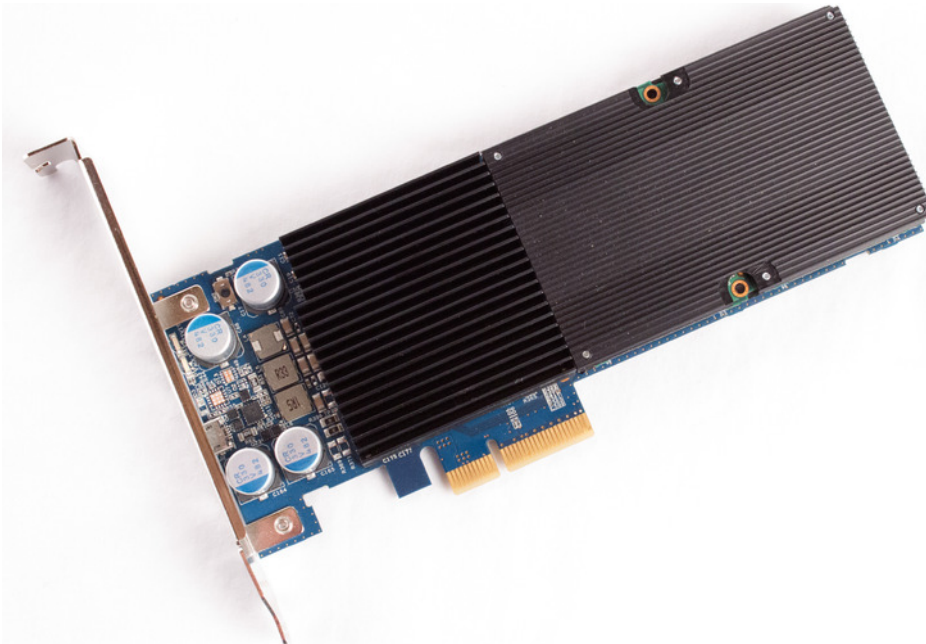




## License Request to Display the OpenPOWER Ready™ Mark

HGST, a Western Digital company hereby requests a license to display the OpenPOWER Ready mark for its HUSPR3216AHP301 Ultrastar SN150 Series PCIe SSD. This document provides evidence that the criteria required by the OpenPOWER Foundation has been met.

Owner	HGST
Contact Name	Gary Geike
Contact E-mail Address	Gary.geike@hgst.com
Product/Component Designator	HGST HUSPR3216AHP301
Short Product/Component Description	Ultrastar SN150 Series NVMe PCIe 3.0 x4 Half-Height, Half-Length Card Solid-State Drive (SSD)
Product/Component Information URL	<a href="http://www.hgst.com/products/solid-state-drives/ultrastar-sn100-series">http://www.hgst.com/products/solid-state-drives/ultrastar-sn100-series</a>
Tag String	High Density, Ultrastar SN150, PCIe SSD, 1.6TB, solid-state drives
Version of This OpenPOWER Ready Document Used for the Criteria	Revision 0.11
Product/Component Category (System, I/O, CAPI, OS, Application)	SSD I/O Adapter





**Ready Checklist:** Describe how the product satisfies the criteria.

Item	Description
PCIe® Requirements	Our Ultrastar SN150 Series NVMe PCIe 3.0 x4 Half-Height, Half-Length Card Solid-State Drive (SSD) was tested in a Tyan GN70-BP010 OpenPOWER server. We ran various file systems, performance tools, and used both internal and external NVMe open source tools.
Software Testing	We tested Bare metal server running Ubuntu 15.04 LE. Linux 3.19.0-15-generic #15-Ubuntu SMP ppc64le GNU/Linux.
Device Driver	We tested with inbox Ubuntu device driver.
Serviceability and Management	Open source tools were used like nvme-cli. HGST also has tools available, for example HDM.
Functional Test Requirements	HGST performs a wide range of tests. There are Firmware teams, Hardware teams each with test buckets that include many tests. HGST also has a System Integration Team with hundreds of customer-focused tests which are run.