



## License Request to Display OpenPOWER Ready Mark



*Marvell hereby requests a license to display the OpenPOWER Ready mark for its 88SE9235. This document provides evidence that the criteria required by the OpenPOWER Foundation has been met.*

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Submission Date:	2016-03-31
Product/Component Designator:	Marvell
Short Product/Component Description:	Two-lane PCIe 2.0 to Four-port 6Gbps SATA I/O controller
Product/Component Information URL :	<a href="http://www.marvell.com/storage/system-solutions/sata-controllers/">http://www.marvell.com/storage/system-solutions/sata-controllers/</a>
Tag String:	PCIe 2.0 /4-Port/6 Gbps SATA
OpenPOWER Ready Criteria Document version:	0.11
Product/Component Category (System, I/O, CAPI, OS, app)	I/O

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

Item	Description
OpenPOWER PCIe compatibility.	<ol style="list-style-type: none"> <li>1. PCIe 2.0 Specification compliant.</li> <li>2. Tested on PowerNV TN71-BP012 with Power 8 CPU.</li> </ol>
Device Driver	<ol style="list-style-type: none"> <li>1. inbox AHCI Driver is used</li> <li>2. Successful Functional Test on below LoP-LE Distributions: Ubuntu 14.10</li> </ol>
Device specific function tests.	Device specific testing is performed in PowerNV TN71-BP012 with Power 8 CPU.
Serviceability and Management.	LE-LoP based utilities for device Diagnostics, FW update, and Configuration.
Storage Management	LE-LoP RAID Configuration Utilities.
Stress tests	<ol style="list-style-type: none"> <li>1. These tests verify device under heavy load.</li> <li>2. These tests are completed in PowerNV TN71-BP012 with Power 8 CPU.</li> </ol>
Performance test	<ol style="list-style-type: none"> <li>1. Performance results from device specific benchmarks is provided.</li> <li>2. These tests are completed in PowerNV TN71-BP012 with Power 8 CPU.</li> </ol>

**Criteria:** [OpenPOWER Ready Criteria Document](#)

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