



License Request to Display OpenPOWER Ready Mark



Marvell hereby requests a license to display the OpenPOWER Ready mark for its 88SE9230. This document provides evidence that the criteria required by the OpenPOWER Foundation has been met.

Owner:	Marvell
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Submission Date:	2016-03-31
Product/Component Designator:	Marvell
Short Product/Component Description:	PCIe 2.0 x2 to 4-port SATA 6 Gbps RAID controller
Product/Component Information URL :	http://www.marvell.com/storage/system-solutions/sata-controllers/
Tag String:	PCIe 2.0 /4-Port/6 Gbps SATA/RAID
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.	1. PCIe 2.0 Specification compliant. 2. Tested on PowerNV TN71-BP012 with Power 8 CPU.
Device Driver	1. inbox AHCI driver is used. 2. Successful Functional Test on below LoP-LE Distributions: Ubuntu 14.10
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	1. These tests verify device under heavy load. 2. These tests are completed in PowerNV TN71-BP012 with Power 8 CPU.
Performance test	1. Performance results from device specific benchmarks is provided. 2. These tests are completed in PowerNV TN71-BP012 with Power 8 CPU.

Criteria: [OpenPOWER Ready Criteria Document](#)

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