



License Request to Display OpenPOWER Ready Mark



Marvell hereby requests a license to display the OpenPOWER Ready mark for its 88RC9580. This document provides evidence that the criteria required by the OpenPOWER Foundation has been met.

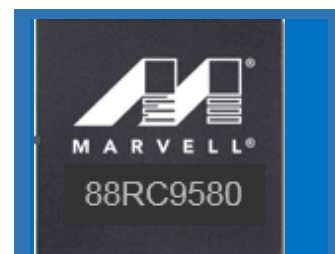
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|---|---|
| Owner: | Marvell |
| Contact Name : | Larry Li/Dandan Xie |
| Contact E-mail Address | li@marvell.com ; dandan@marvell.com |
| Submission Date: | 2016-03-31 |
| Product/Component Designator: | Marvell |
| Short Product/Component Description: | PCIe 2.0 x8 to 8-port SAS/SATA 6 Gbps RAID-On-Chip processor |
| Product/Component Information URL : | http://www.marvell.com/storage/system-solutions/sas-controllers/raid.jsp |
| Tag String: | PCIe 2.0 /8-Port/6 Gbps SAS/SATA/ROC |
| 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. A LoP-LE Driver is ready. 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 and Storage Enclosure Management. |
| 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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