



OPEN

Compute Project

<Title>

<Revision>

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Author: <Primary>

Author: <secondary. Delete if unnecessary>

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1. License

PLEASE PICK EITHER THE OCP CLA OPTION OR THE OWF OPTION. ONLY ONE CAN BE USED. DELETE THE ONE NOT USED.

1.1. OPTION A: OCP CLA OR

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Notes:

- 1) The following clarifications, which distinguish technology licensed in the Contribution License and/or Specification License from those technologies merely referenced (but not licensed), were accepted by the Incubation Committee of the OCP:

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1.2 Acknowledgements

The Contributors of this Specification would like to acknowledge the following companies for their feedback:

List all companies or individuals who may have assisted you with the specification by providing feedback and suggestions but did not provide any IP.

2. OCP Tenets Compliance(optional)

[Note to author of this specification: This section is optional if the supplier chooses to highlight additional tenet compliance that was not covered in the baseline specification. Refer to the baseline specification template for details on each tenet]

2.1. Openness

2.2. Efficiency

2.3. Impact

2.4. Scale

3. Revision Table

Date	Revision #	Author	Description

4. Scope

This document defines technical specifications for the <product name> used in Open Compute Project. This document, along with the [baseline specification] shall comprise product's technical specification.

This specification is a supplement to the <product name> baseline specification located at:
[insert URL here]

5. Overview

Describe your product. Explain its utility within the Open Compute Project ecosystem.

NOTES:

1. Sections 6 – 20 are required to document features and functions of the Hardware system, platform or card.
2. Any product based on this spec must be 100% compliant with any and all features or requirements described in this specification.
3. Where possible, please use the OCP Terminology Guidelines for Inclusion and Openness.
4. No NDA (Non-disclosure Agreement) or confidential material should be included in the document or charts. This will be an OPEN document.

6. Rack Compatibility

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

7. Physical Specifications

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

8. Thermal Design Requirements

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

9. I/O System

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

10. Rear Side Power, I/O and Midplane

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

11. Rack Implementation

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

12. Mechanical

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

13. Motherboard Power System

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

14. Environmental and Regulations

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

15. Environmental Requirements

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

16. Prescribed Materials

[Note to author of this specification: This section should document the incremental features in the product implementation. The product must be 100% compliant with any and all features or requirements described in this baseline specification.]

17. Software Support (recommended)

17.1. Software tools to validate the Hardware design

Please list any software tools used to validate the hardware design. The tools could be related to:

- Test and Validation using virtual simulation
- Design decision based on digital models
- Proof of manufacturability with 3-D tools

18. System Firmware

All products seeking OCP Accepted™ Product Recognition must complete the Open System Firmware (OSF) Tab in the [2021 Supplier Requirements Checklist](#).

If based on an open bios (like AMI's Aptio-OpenEdition), a completed checklist shall be uploaded and made available on the [OCP Github](#).

Note to authors: replace [vendor_name] and [product_name] with actual company name and product identifier.

19. Hardware Management

19.1 Compliance

All products seeking OCP Inspired™ or OCP Accepted™ Product Recognition shall comply with the [OCP Hardware Management Baseline Profile V1.0](#) and provide such evidence by completing the Hardware Management Tab in the [2021 Supplier Requirements Checklist](#).

19.2 BMC Source Availability (if applicable)

All Products seeking OCP Accepted™ Product Recognition shall have source code and binary blobs submitted for BMC, if applicable.

The BMC management source code shall be uploaded at:

[https://github.com/opencomputeproject/Hardware-Management/\[vendor_name\]/\[product_name\]](https://github.com/opencomputeproject/Hardware-Management/[vendor_name]/[product_name])

If the BMC is based on an open source BMC (like AMI's MegaRAC-OpenEdition), the BMC source code shall be uploaded and made available on the [OCP Github](#).

20. Security

All products seeking OCP Inspired™ or OCP Accepted™ Product Recognition shall have a completed Security Profile in the [2021 Supplier Requirements Checklist](#). Whether the answer is a yes or no, the profile must be completed. For Additional Security Badges (Bronze/Silver/Gold), please fill out the Security Profile in accordance with the requirements for that level. Security Badges will be reassessed on an annual basis as requirements are subject to change.

21. References (recommended)

[1] "Title", publication year, publication journal/conference/standard, volume, pages, link to publication if available

[2] OCP Profiles - <https://github.com/opencomputeproject/OCP-Profiles>

[3] Redfish Interop Validator - <https://github.com/DMTF/Redfish-Interop-Validator>

[4] Redfish Service Validator - <https://github.com/DMTF/Redfish-Service-Validator>

[5] Redfish Service Conformance Check - <https://github.com/DMTF/Redfish-Service-Conformance-Check>

Appendix A - Requirements for IC Approval (to be completed Contributor(s) of this Spec)

List all the requirements in one summary table with links from the sections.

Requirements	Details	Link to which Section in Spec
Contribution License Agreement	Which one?	Link to Sec 1
Are All Contributors listed in Sec 1: License?	Yes or No	
Did All the Contributors sign the appropriate license for this spec? Final Spec Agreement/HW License?	Yes or No	
Which 3 of the 4 OCP Tenets are supported by this Spec?	Openness Efficiency Impact Scale	List reasons here. Link to presentation if separate.
Is there a Supplier(s) that is building a product based on this Spec? (Supplier must be an OCP Solution Provider)	Yes or No	List Supplier Name(s)
Will Supplier(s) have the product available for GENERAL AVAILABILITY within 120 days?	Yes or No	Please have each Supplier fill out Appendix B.

Appendix B-____ - OCP Supplier Information (to be provided by each Supplier of Product)

Company:

Contact Info:

Product Name:

Product SKU#:

Link to Product Landing Page:

Please complete the following [2021 Supplier Requirements](#). This link will allow you to create a copy for your product-specific requirements.

For OCP Inspired™,

- All Suppliers must be a OCP Solution Provider.
- All Suppliers must run the Hardware Management Conformance Checks and all products must meet the [OCP Hardware Baseline Profile v1.0.0](#).
- All Suppliers must fill out a Security Profile (No Badge Level) for their product.

For OCP Accepted™, Supplier details are required.

- All Suppliers must be a OCP Solution Provider.
- All Suppliers must run the Hardware Management Conformance Checks and all products must meet the [OCP Hardware Baseline Profile v1.0.0](#).
- All Suppliers must fill out a Security Profile (No Badge Level) for their product.
- All Products must meet the Open System Firmware requirements.
- All Products must have source code for BMC, if applicable. This must be in the OCP Github repository.

List all the requirements in one summary table with links from the sections.

Requirements	Details	Links
Which Product recognition?	OCP Accepted™ or OCP Inspired™	Provide Marketplace Link
If OCP Accepted™, who provided the Design Package?		Link
2021 Supplier Requirements for your product(s)		Link

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