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RACK & POWER

Converged Open Rack Frame Specification Preview

Steve Mills, Technical Lead, Facebook

OPEN PLATINUM™

Goals

RACK & POWER

Integrate community frame requirements into a single Open Rack platform supporting a wide variety of solutions.

Compatible with IT gear designed to Open Rack Specification V2.1 that does not extend past the busbar cage.

Specifications

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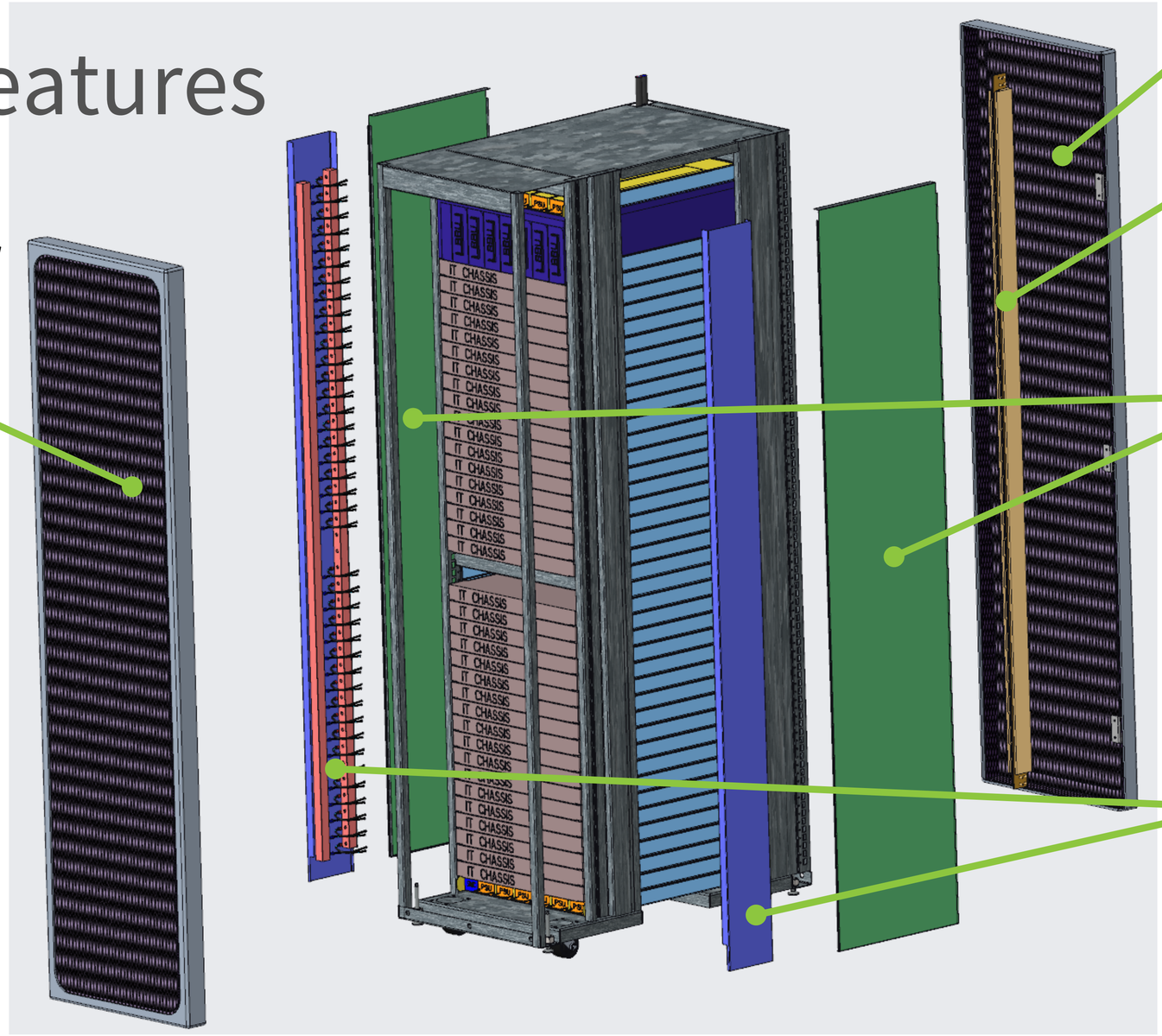
Specifications

New Feature Comparison

Feature	Facebook V2	Converged Frame
IT Load	1400kg	1600 kgs
Height	2210 mm	2013 or 2295mm
Cable Manager	Integrated features	Optional Kit
Side Panel	Air containment only	Security or air containment
Door Support	No	Yes
Busbar Voltage	12V	12V and 48V options
# of Power Zones	2	1
Universal WIP	No	Yes

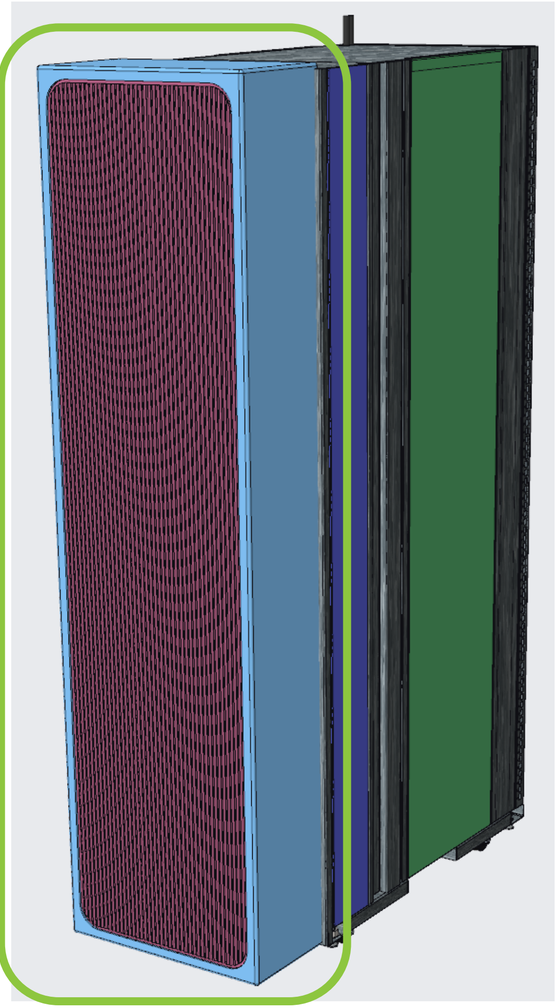
Optional Features



Incorporate Advanced Cooling Solution Components

Door Heat Exchangers

Front-mounted heat exchanger door



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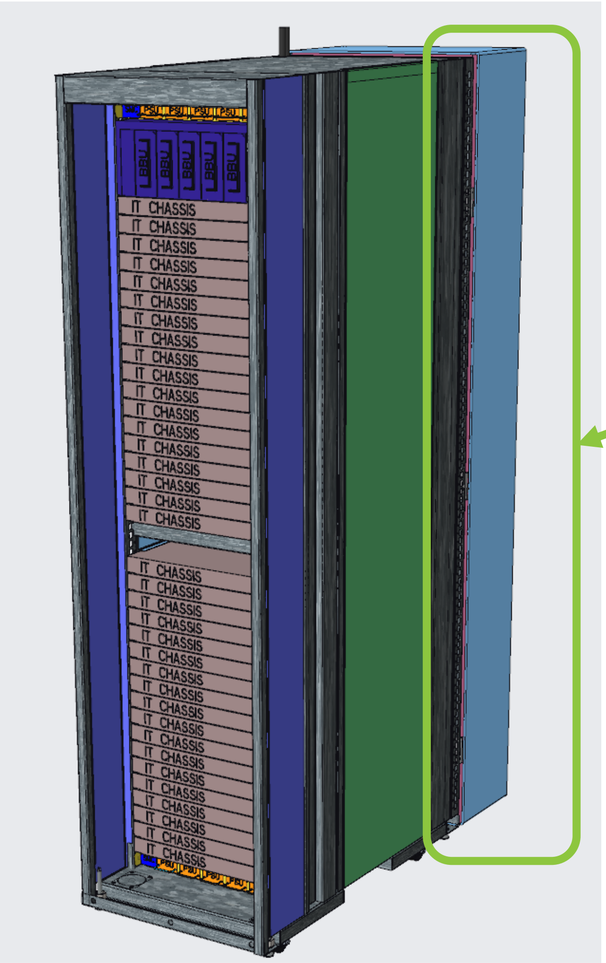
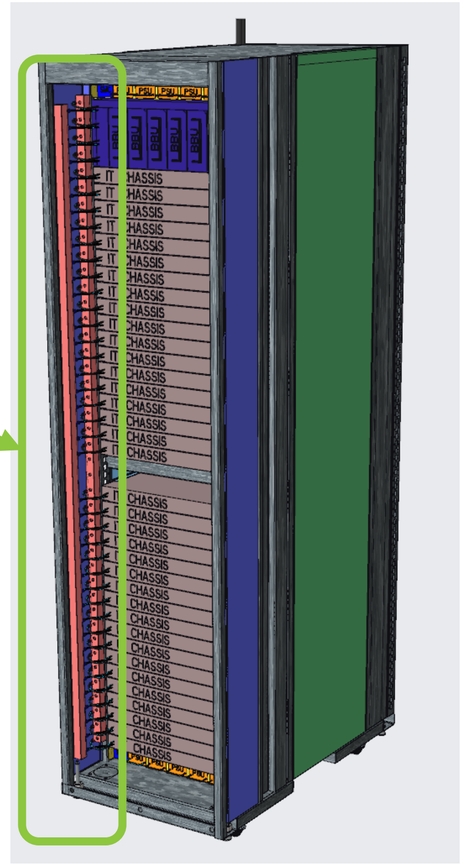


Rear-mounted heat exchanger door

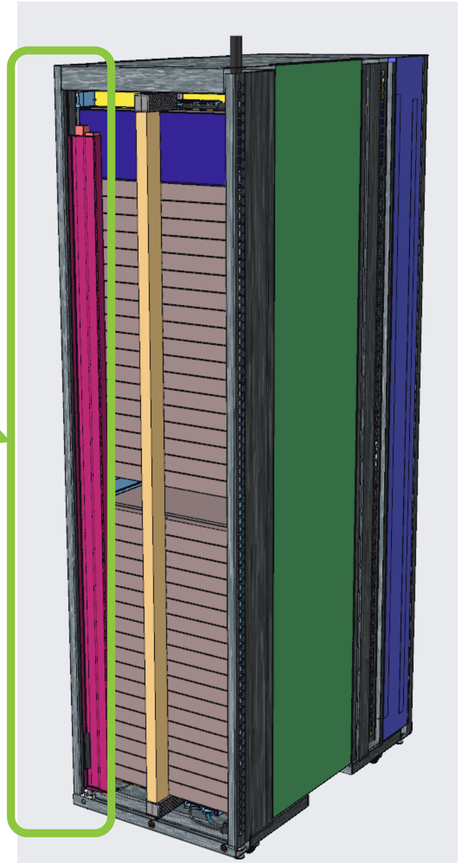
Incorporate Advanced Cooling Solution Components

Direct Contact Liquid Cooling

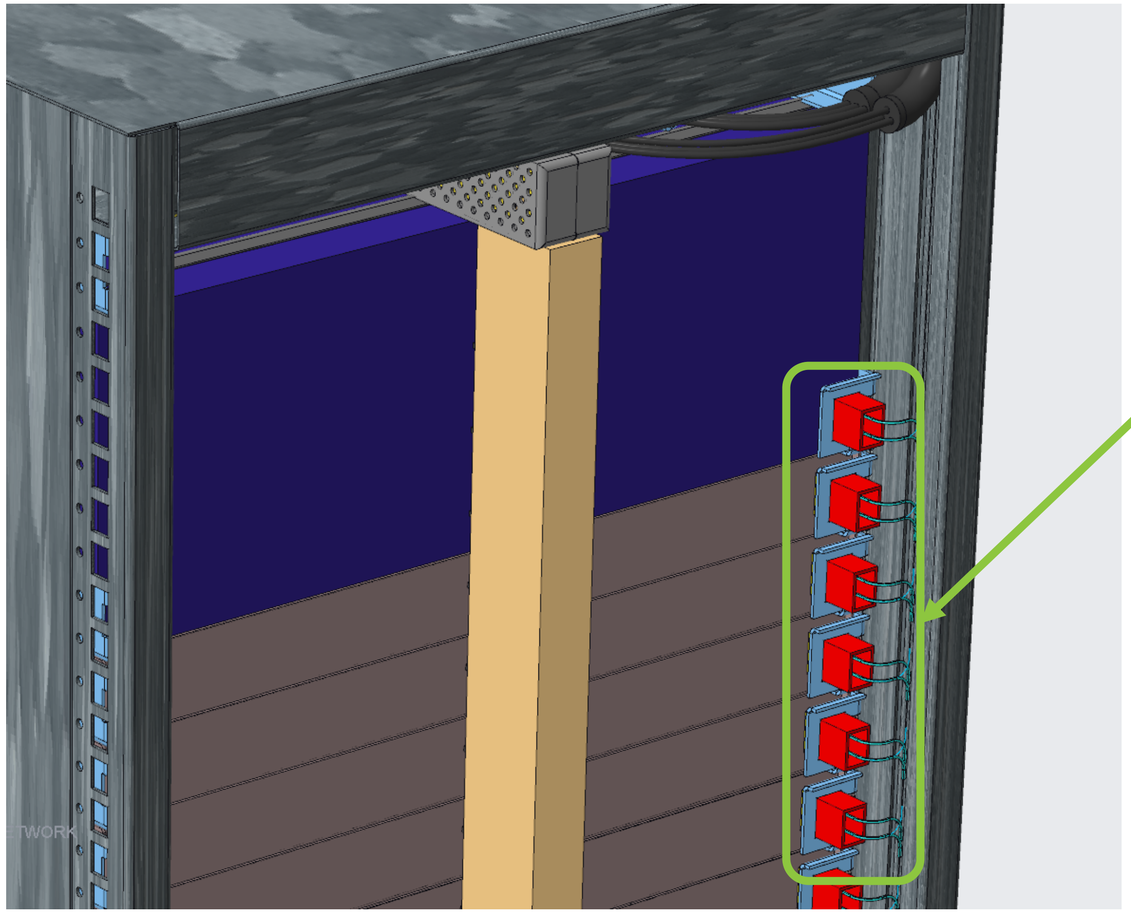
Front mount manifolds with manual valve connections



Rear mount blind-mate manifolds



Optional Rear Network Interface



Rear-mounted hot-plug network

- High Speed Copper
- Optical
- Management only

Next Steps

Specification is available for review by the community:

https://www.opencompute.org/wiki/Open_Rack/SpecsAndDesigns

Final Specification for review at the Regional OCP Summit

Project Info:
Rack and Power wiki: https://www.opencompute.org/wiki/Rack_%26_Power
Rack and Power Mailing list: https://ocp-all.groups.io/g/OCP-RackandPower

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