

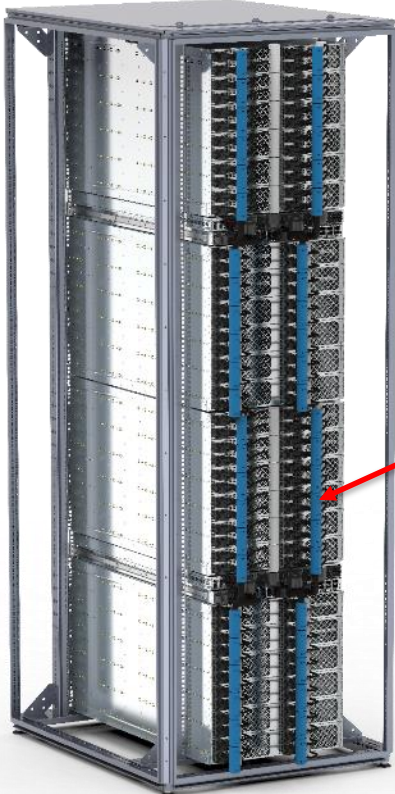
Molex Open19 Support and Roadmap



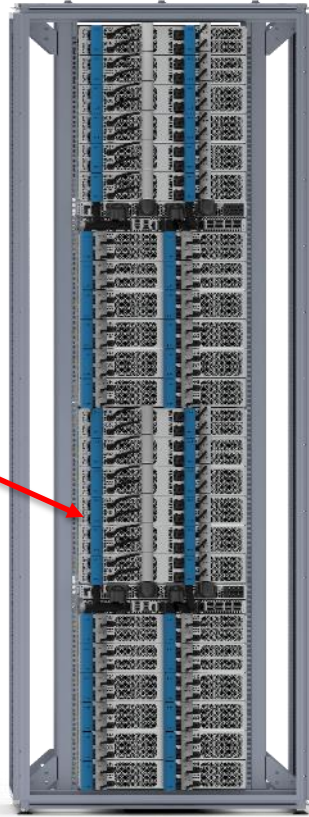
September 27, 2018

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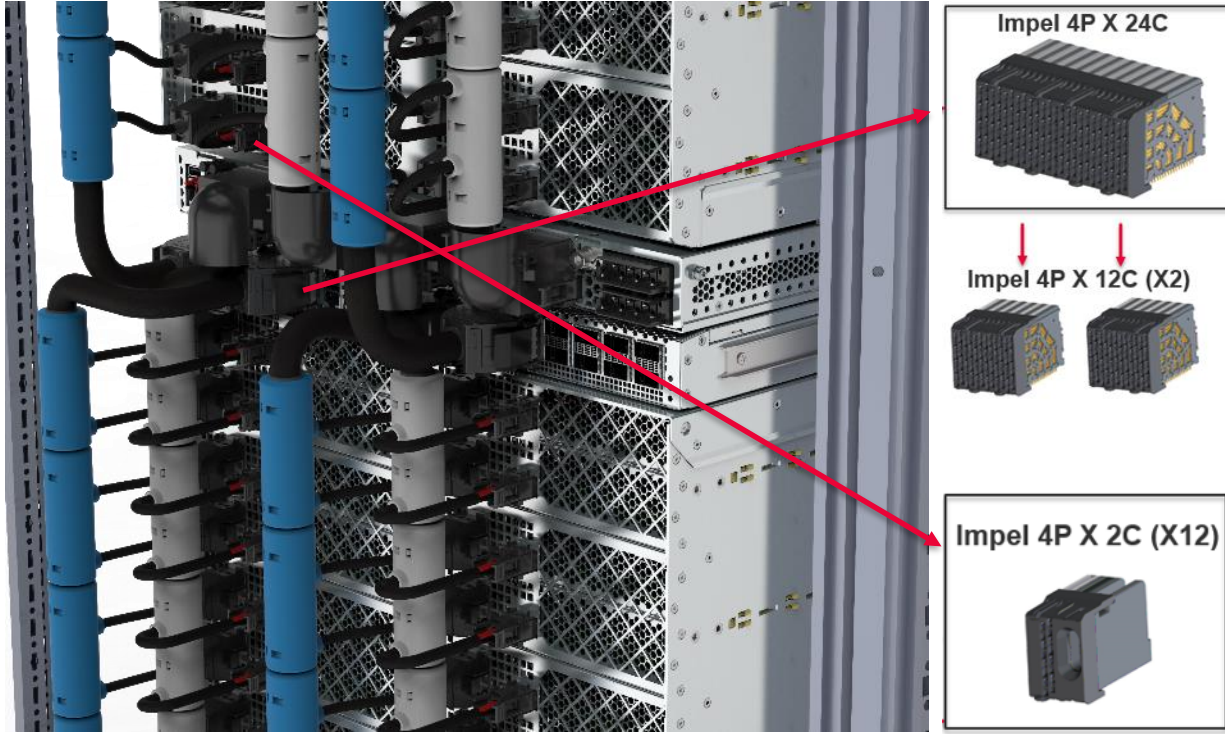
Open19 Chassis



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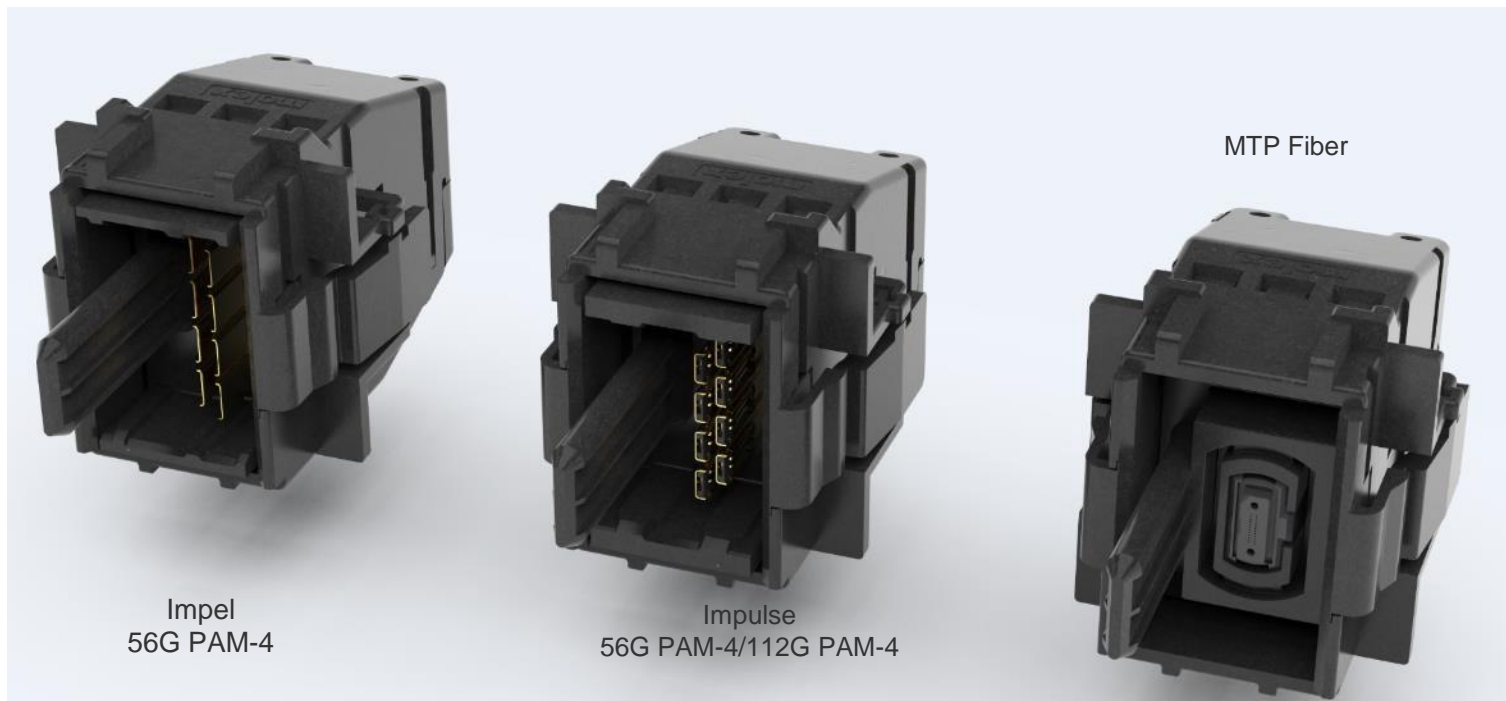


Connectivity Detail within Open19 Rack



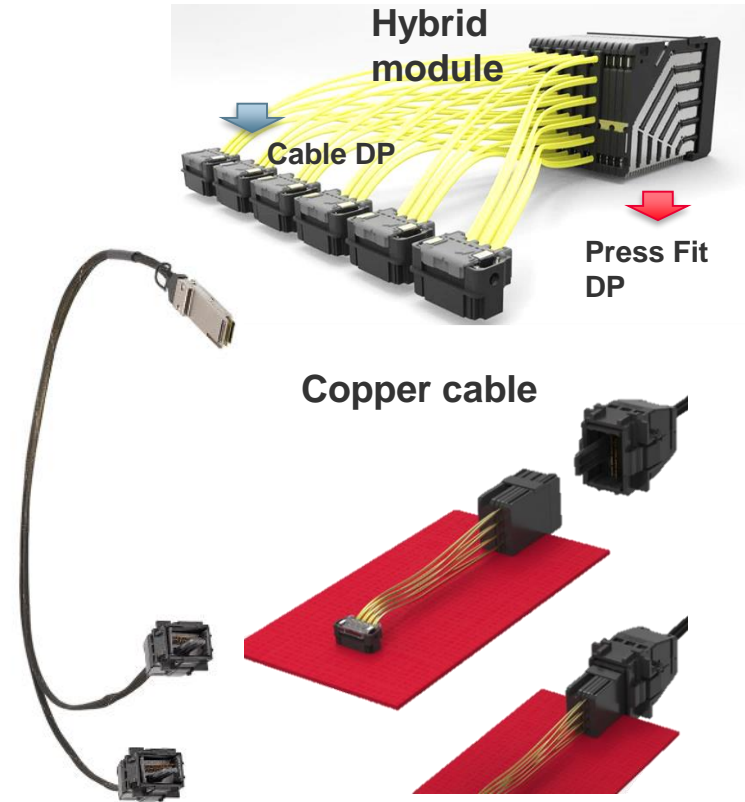
- Rear of brick cage panel openings accept standard Molex cable solution
 - ‘Spine’ supports easy routing and installation into rack (sub 2 minute)
- Building blocks utilize standard Molex PCB connector
 - Current generation supports up to 4 bi-directional lanes at 56 Gbps PAM-4 (initially 50G servers, moving to 100G)

External Cable Future Path



Internal Server and Switch Future Path: ASIC to Panel

- Upgrade interior of the server to a 'bypass' solution using cable to near-ASIC connection
 - Full copper cable
 - Hybrid copper cable/press-fit module
 - Hybrid copper cable to I/O module
 - Optical
 - Copper to optical



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