

Watch now to see how we're pushing the boundaries of cooling technology! This demo from DesignCon 2025 highlights how we're simplifying high-density cooling.

This article covers the thermal structure, design, methods and benefits of 400G/800G/1.6T OSFP modules, explaining how effective cooling ensures stable signal transmission and long-term ...

This article introduces two thermal designs for OSFP IHS and OSFP RHS optical modules, explaining their main differences in structure, heat ...

Supporting optical transceivers from 800G up to 3.2T, Cofan's solutions are also adaptable to both air- and liquid-cooled systems, ensuring efficient thermal performance across a wide range of ...

By selecting the right OSFP form factor based on cooling strategy (air vs. liquid) and system layout, operators can maximize module performance, thermal efficiency, and energy savings.

This article introduces two thermal designs for OSFP IHS and OSFP RHS optical modules, explaining their main differences in structure, heat dissipation methods, and system ...

Conventional air-cooled heat sinks are replaced with liquid-cooled cold plates, which directly contact the top surface of each pluggable module to efficiently maintain a reasonable ...

Designed for fully liquid-cooled OEM systems or back-to-back adapter testing. Here, air cooling is insufficient, so modules must make direct contact with cold plates or heat sinks to ensure optimal ...

Data center teams frequently miscalculate their cooling needs because they focus on switch expenses instead of understanding the thermal systems required for operational support. The ...

With deep expertise in both air-cooling and cold plate liquid cooling technologies, we partner with leading equipment manufacturers to develop advanced, reliable thermal management systems for ...

Compare OSFP-IHS and OSFP-RHS thermal designs for 800G and 1.6T optical modules. Learn how to choose the right OSFP solution for air-cooled, liquid-cooled, and AI data center ...



# Consulting on Liquid-Cooled Switch OSFP

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