

Mali Franchise Liquid-Cooled Switch LPO



Overview

The world's highest-performance, liquid-cooled, Ultra Ethernet Transport ready switch designed for next-generation AI infrastructure. Cisco is actively innovating in direct-to-chip liquid cooling for high-performance switches, laying the groundwork for solutions that will enable seamless and. An LPO (Linear Pluggable Optics) solution offers considerable power savings for optical interconnect by removing the digital signal processing (DSP) function from the pluggable optical module. This architecture takes advantage of the capabilities in each segment of the link to form a power, cost. Home » Hot Interconnects: Arista Outlines Pathways to Energy-Efficient Optics and Liquid-Cooled Racks Arista Networks co-founder Andreas Bechtolsheim used his keynote at IEEE Hot Interconnects 2025 to highlight how Linear Pluggable Optics (LPO) and new rack designs can dramatically cut power. LOS ANGELES, March 17, 2026 /PRNewswire/ -- Linktel Technologies, a globally recognized company in optical transceiver development and manufacturing, today announced its 12. Designed for the escalating density. Although co-packaged optics (CPO) and on-board optics (OBO) have been proposed to increase bandwidth density, these approaches introduce significant challenges in field

serviceability, scalability, and manufacturability, making them difficult to deploy widely in hyperscale environments. To. From AI supercomputing to secure networking and hybrid cloud infrastructure, our enterprise-grade product portfolio powers some of the most ambitious organizations on the planet, in industries ranging from government research to global retail. Resolve issues, download updates, connect with experts.



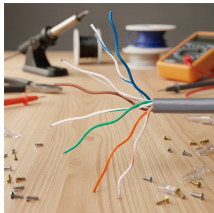
Arista Networks has recently announced plans to implement liquid-cooled switches and racks designed to significantly reduce power consumption in enterprise AI networks.



By combining a dual-paddle mechanical architecture, integrated liquid-cooling cold plate, clean linear electrical channel, and high-voltage power delivery, XPO dramatically increases optical density while ...



The two types of liquid cooling used on a large scale in the data center field are cold-plate and submerged liquid cooling. Other types such as spray cooling have not been deployed on a ...



Ryan Latchman, VP at Macom, discussed the first interoperability demo of LPO held at CIOE 2023, with LPO modules made by Cloudlight, Eoptolink and Hisense. These were 4x100G transceivers based ...



Take steps now to modernize your facility and thermal management strategies for tomorrow's liquid-cooled switches. Meet with your Cisco team or partner to discuss how to design, ...



The design accommodates up to 16 × 2U switch blades with tool-less installation, tightly located liquid quick disconnects, and generous space for cable ...

Contact Us

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