

The specification defines the necessary optical and electrical requirements for a robust ecosystem of LPO-compatible switch, NIC and module products.

Marvell becomes a founding member of the XPO MSA, introducing a new liquid-cooled optical module form factor that delivers 12.8 Tbps and 4x bandwidth density for AI data centers.

"The unprecedented growth in AI fabric bandwidth and the transition to liquid cooling requires a new generation of pluggable optics modules," said Andreas ...

From SFP and QSFP to today's QSFP-DD and OSFP form factors, MSA specifications define how optical modules are mechanically, electrically, and logically designed--ensuring that products from ...

GlobalFoundries (GFS) unveils its SCALE(TM) optical module, setting a new benchmark for co-packaged optics and bandwidth density in advanced AI data centers. The new platform meets ...

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"The unprecedented growth in AI fabric bandwidth and the transition to liquid cooling requires a new generation of pluggable optics modules," said Andreas Bechtolsheim, Chief Architect at Arista ...

Futurion Take: Arista's new XPO module marks a fresh and important take on optical transceiver technology. If it performs in production as planned, it could substantially reduce capex ...

MALTA, N.Y., May 4, 2026 - GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE(TM) optical module solution for co-packaged optics (CPO).

This standard aims to define the reliability specifications of optical transceivers and associated optical components used in indoor Carrier-grade equipment, including the application scenarios of the ...

The MSA is developing optical transmitter and receiver specifications to enable optical module implementation using a wide range of optical and electronics technologies

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