

SCALE CPO solution is the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology MALTA, N.Y., May 04, 2026 (GLOBE NEWSWIRE) -- ...

Technological Innovation: GlobalFoundries has launched its SCALE(TM) optical module solution, becoming the industry's first platform compliant with the Optical Compute Interconnect Multi ...

GlobalFoundries (GF) announced the introduction of its SCALE(TM) optical module solution for co-packaged optics (CPO). GF's Silicon photonics Co-packaged Advanced Light Engine (SCALE) ...

CPO will provide some benefit and bring more options to scale-out networking, but it will be central to scale-up networking. CPO will be the main driver of bandwidth increases in scale-up ...

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 ...

GlobalFoundries (GF) has announced the launch of its SCALE optical module solution for co-packaged optics (CPO), designed to accelerate the adoption of advanced AI data centres.

Co-packaged optics (CPO) will play a fundamental role in improving the performance, efficiency, and capabilities of networks, especially the scale-up fabrics for AI systems.

The SCALE CPO solution uses both coarse and dense wavelength-division multiplexing (CWDM and DWDM) for bi-directional data transmission over each optical fiber, delivering significant ...

High Reliability In large-scale AI fabrics comprising tens of thousands of optical links, component failures become statistically inevitable. However, the hard and soft failure rates of today's optical modules ...

In parallel, AI infrastructure is shifting from traditional scale-out networks to scale-up architectures optimized for ultra-high bandwidth and low-latency communication within GPU...

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