TeraHop OFC 2025 Booth #2429

TERAHOP

A World Leader of High-speed Optical Solutions for AI and Data Center Networking

TeraHop develops, manufactures and markets industry leading high-speed optical transceivers for AI and Data Center networking applications. Our solutions offer superior technical performance, compelling value, and fast time to market advantage that are critical for sustaining growth of large-scale AI compute and broad adoptions of AI applications. At OIF OFC'25 interoperability demo event, TeraHop participates in **CEI-224G-VSR, CEI-224G-Linear and CEI-112G-Linear/RTLR** interop demo with its 1.6T 2xDR4 OSFP, 1.6T 2xDR4 OSFP RTLR, 800G 2xDR4 OSFP LPO, and 800 DR8 OSFP RTLR transceivers.

1.6T-2xDR4 OSFP (Fully Retimed)

Key Features:

- High-bandwidth SiPh base transmitter
- 2xMPO12 optical interface and OSFP224 form factor
- 8 independent electrical channels
- Supports 200Gbps optical signal rate
- Up to 500m transmission on single mode fiber (SMF)
- Case temperature range of 0℃ to 70℃
- Low power consumption, less than 26W

1.6T-2xDR4 RTLR OSFP

Key Features:

- High-bandwidth SiPh based transmitter
- 2xMPO12 optical interface and OSFP224 form factor
- 8 independent electrical channels
- Up to 500m transmission on single mode fiber (SMF)
- Case temperature range of 0℃ to 70℃
- Low power consumption, less than 20W

OIF PLL INTEROP DEMO OFC 2025

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800G-2xDR4 and 8xPCIe 6 OSFP LPO

Key Features:

- High-Bandwidth SiPh base transmitter
- 2xMPO12 optical interface and OSFP112 form factor
- 8 independent electrical channels
- Supports 800GbE-2xDR4 and 8xPCIe 6
- Up to 500m transmission on single mode fiber (SMF)
- Case temperature range of 0℃ to 70℃
- Ultra-low power consumption, less than 8.5W

800G-DR8 RTLR

Key Features:

- High-bandwidth SiPh base transmitter
- MPO16 optical interface and OSFP112 package
- 8 independent electrical channels
- Up to 500m transmission on single mode fiber (SMF)
- Case temperature range of 0℃ to 70℃
- Ultra-low power consumption, less than 11W