InnoLight is a world leader in providing high-speed optical solutions for optical communication networking, especially for AI and Data Center applications

Innolight designs, builds and markets 25G, 40G, 100G, 200G, 400G, 800G and 1.6T high-speed optical transceivers for AI, Data Center, Wireless Interconnect and Metro Network. Our solutions offer superior technical performance, compelling value proposition, and time to market advantage that are critical for the sustaining growth of next generation networks.

InnoLight's 800G Optics with State-of-the-art Silicon Photonics

In the past few years, InnoLight has invested significant resource in development of silicon photonics integrated circuits (PICs) for a wide range of 400G/800G/1.6T optical transceivers. With rapid growth for generative AI computing networking, we have seen increasing demand for our advanced silicon photonics optical transceivers.

4 x 200G OSFP DR4 LPO

Key Features:

- InnoLight 1310nm 200G per lane SiPh base transmitter
- MPO12 optical interface and OSFP RHS package
- 4 independent electrical channels at 200Gbps per channel
- Supports PCIe 7 4x128Gbps signal rate
- Up to 500m transmission on single mode fiber(SMF)
- Case temperature range of 0℃ to 70℃
- Low power consumption, less than 5W

8 x 100G OSFP DR8 LPO

Key Features:

- InnoLight 1310nm 100G per lane SiPh base transmitter
- 2xMPO12 optical interface
- 8 independent electrical channels at 100Gbps per channel
- Supports PCIe 6 8x64Gbps signal rate
- Up to 500m transmission on single mode fiber(SMF)
- Case temperature range of 0℃ to 70℃
- Tx Peaking 5dB to 7dB at 26.5GHz and DC gain up to 17dB
- Low power consumption, less than 8.5W

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