ACON OPTICS

Trusted partner for your data journey

Next-Gen Optical Transceiver

Empowering AI with Optical Connectivity

The surge of AI and data-intensive workloads demands ultra-fast, energy-efficient connectivity. **ACON OPTICS' 1.6T, 800G, and 400G optical transceiver series** are engineered to meet the rigorous bandwidth and performance requirements of next-generation data centers. Leveraging 200G/lane silicon photonics and cutting-edge PAM4 technology, our 1.6T OSFP DR8 modules—available in both Retimer and LPO versions—deliver exceptional performance with low power consumption and up to 500 meters reach over single-mode fiber. Discover the future of high-speed interconnects, purpose-built for AI and cloud scale.

1.6T Transceiver series

▲ 1.6T OSFP DR8

Features

- 1.6T high-speed optical module products use 200G/lane silicon photonic chips
- Both electrical and optical interfaces support 8x200 Gbit/s PAM4
- Up to 500m transmission with 1310nm wavelength
- Power consumption<10W

Applications

- AI Data Centers
- 1.6T Ethernet

800G Transceiver series

▲ 800G OSFP VR8

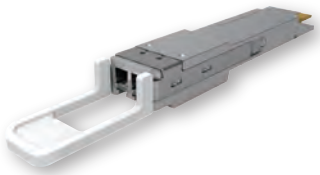
▲ 800G OSFP 2xDR4 LPO(Siph)

▲ 800G OSFP DR8

400G Transceiver series

▲ 400G QSFP-DD

▲ 400G QSFP-DD FR4



▲ 400G QSFP-DD ZR+

ACON OPTICS COMMUNICATIONS INC.

www. aconoptics.com

TAIWAN–HEADQUARTER
5F., No.4, Aly. 9, Ln. 45, Baoxing Rd., Xindian Dist., New Taipei City 231, Taiwan
Tel:+886-2-2917-7668
contactus@aconoptics.com

CHINA–TIANJIN
No.32, Taixiang Road,TEDA, Tianjin, China.
Tel:+86-22-6633-2010
contactus@aconoptics.com

CHINA–SHENZHEN
No. 2, Lanjing Middle Road, Pingshan District, Shenzhen City, GuangDong, China
Tel:+86-755-3382-8888
contactus@aconoptics.com

AMERICA
Advanced-Connectek U.S.A. Inc.
3002 Dow Ave, Suite 506, Tustin, California 92780, U.S.A.
Tel: +1-714-573-1920
info@acon-us.com