

GIGALIGHT 2024 NEWSPAPER



Open Optical Network Device Explore



- ▶ Immersion liquid cooling interconnection solution
- ▶ Optical network & 5G application solution
- ▶ DWDM & coherent optical module solution
- ▶ Optical network single wavelength 100G optical module solution
- ▶ AI & DC 800G/400G/200G optical module hardware solution



Our story,
not just
silicon ph-
otonics

New product DEMO



800G OSFP DR8/DR8+(SiPh)

- 500m/2km
- 1310nm CW+MZ
- Dual MPO12
- 16W



800G OSFP 2XFR4/2XLR4(SiPh)

- 2km/10km
- CWDM4 CW+MZ
- Dual duplex LC
- 16W



400G OSFP-RHS DR4(SiPh)

- 500m, 1310nm CWL+Silicon MZ
- Power consumption <10W
- MPO12



400G OSFP-RHS FR4(SiPh)

- 2km, CWDM4 CWL+Silicon MZ
- Power consumption <11W
- Duplex LC



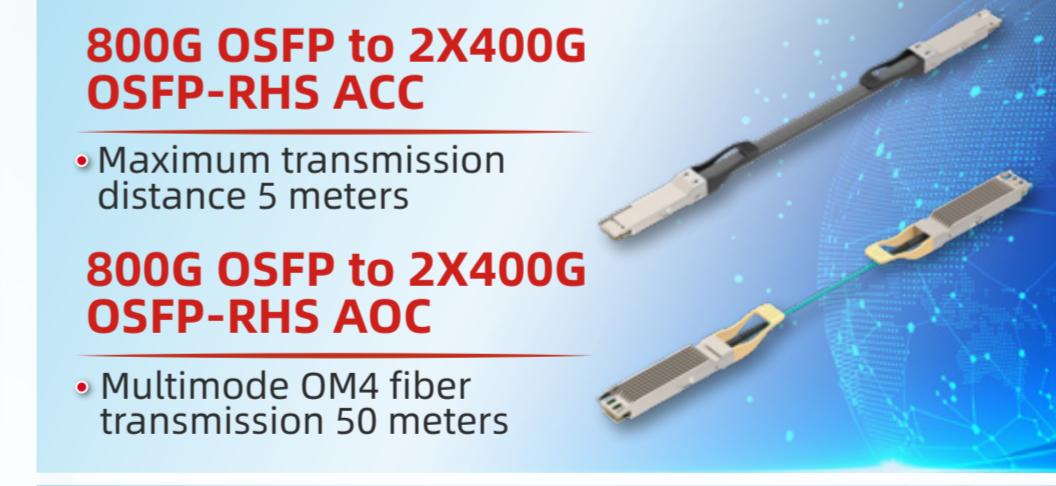
400G CPO DR4(SiPh)

- ER>4dB
- TDECQ<2.5dB
- Wavelength 1304.5nm-1317.5nm
- SSMR≥30dB
- TX 0-3dBm, RX OMA Sensitivity<-5.5dBm(2E-4)



100G QSFP28 DWDM1(SiPh)

- 106.25Gb/s PAM4, Based on silicon photonics technology
- 150GHz 16CH wavelength 1283.4nm~1296.7nm
- 10km, External SOA 30km,
- Power consumption < 3.5W
- Dual LC interfaces



800G OSFP to 2X400G OSFP-RHS ACC

- Maximum transmission distance 5 meters

800G OSFP to 2X400G OSFP-RHS AOC

- Multimode OM4 fiber transmission 50 meters



Immersion liquid cooling 800G OSFP SR8

- OM3 fiber transmission 60 meters
- OM4 fiber transmission 100 meters
- 2xMPO12 pigtail
- 13.5W



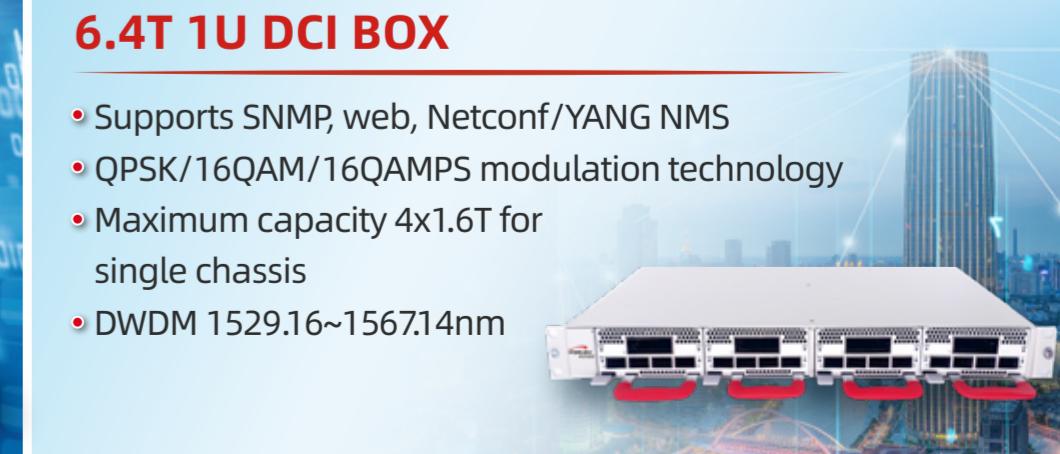
COLOR ZR+/X 100G QSFP28 DWDM Phonon molecular system

100G Muxponder

- Support 4-way bidirectional / 4-way unidirectional service processing

100G OEO

- Supports 3R functions



6.4T 1U DCI BOX

- Supports SNMP, web, Netconf/YANG NMS
- QPSK/16QAM/16QAMPS modulation technology
- Maximum capacity 4x1.6T for single chassis
- DWDM 1529.16~1567.14nm

