Data Center
Front-Panel and Embedded I/O

Jeffery Maki
Juniper Networks, Distinguished Engineer II

August 31, 2022
400G to 1.6T Front-Panel and Embedded I/O

Module artwork courtesy of TE Connectivity

R - Roadmap (Speculation)
3.2T Front-Panel and Embedded I/O

- **OIF CPO**
- **COBO x16**
- **QSFP-XD**

**Width (mm):**
- 22.5
- 36
- 22.6

**Elect. Lanes:**
- 32x100G
- 16x200G

*R - Roadmap/Speculation*
Thank you

A member of

The Consortium for On-board Optics