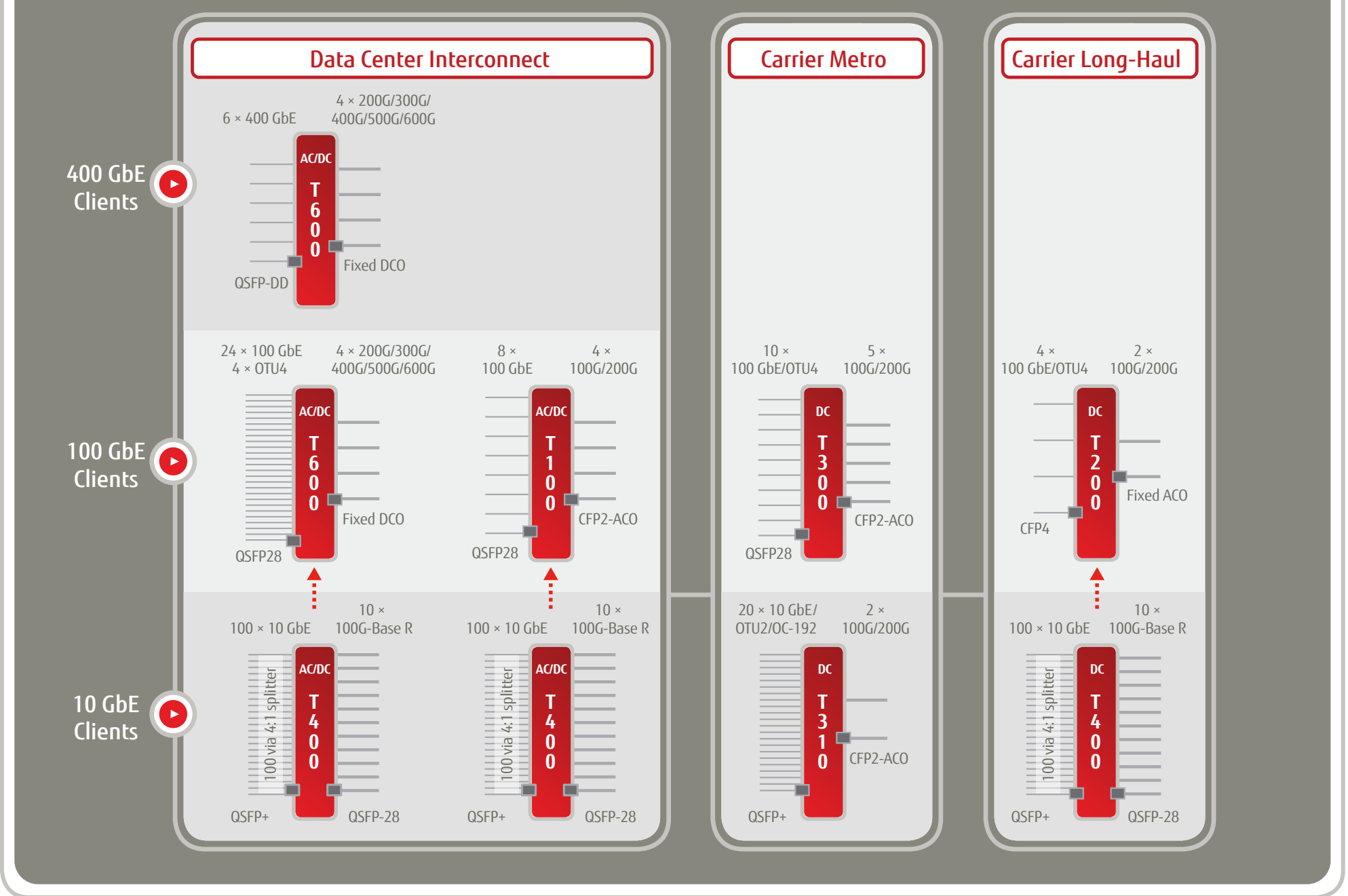# FUJITSU

Flex your network up to 600G with 1FINITY™ Transport

Data center interconnect and applications for advanced optical transport and switching require equipment engineered for performance, density and reach. The Fujitsu 1FINITY Transport family delivers hyper-dense transponding, muxponding, and Layer 1 aggregation in simple, modular blades. Based on the target application, different blades support unique configurations of client- and network-side interfaces for maximum fiber capacity, power efficiency and density.

What 1FINITY Transport blade fits your APPLICATION?

	Data Center Interconnect		Carrier Metro	Carrier Long-Haul

400 GbE Clients

Data Center Interconnect:
6 × 400 GbE / 4 × 200G/300G/400G/500G/600G — AC/DC **T600** — QSFP-DD / Fixed DCO

100 GbE Clients

Data Center Interconnect:
24 × 100 GbE / 4 × OTU4 / 4 × 200G/300G/400G/500G/600G — AC/DC **T600** — QSFP28 / Fixed DCO

8 × 100 GbE / 4 × 100G/200G — AC/DC **T100** — QSFP28 / CFP2-ACO

Carrier Metro:
10 × 100 GbE/OTU4 / 5 × 100G/200G — DC **T300** — QSFP28 / CFP2-ACO

Carrier Long-Haul:
4 × 100 GbE/OTU4 / 2 × 100G/200G — DC **T200** — CFP4 / Fixed ACO

10 GbE Clients

Data Center Interconnect:
100 × 10 GbE / 10 × 100G-Base R — AC/DC **T400** — 100 via 4:1 splitter — QSFP+ / QSFP-28

100 × 10 GbE / 10 × 100G-Base R — AC/DC **T400** — 100 via 4:1 splitter — QSFP+ / QSFP-28

Carrier Metro:
20 × 10 GbE / OTU2/OC-192 / 2 × 100G/200G — DC **T310** — QSFP+ / CFP2-ACO

Carrier Long-Haul:
100 × 10 GbE / 10 × 100G-Base R — DC **T400** — 100 via 4:1 splitter — QSFP+ / QSFP-28

BENEFITS OF 1FINITY

Modular
1RU stackable blades and pluggable, field-replaceable units for simplified operations
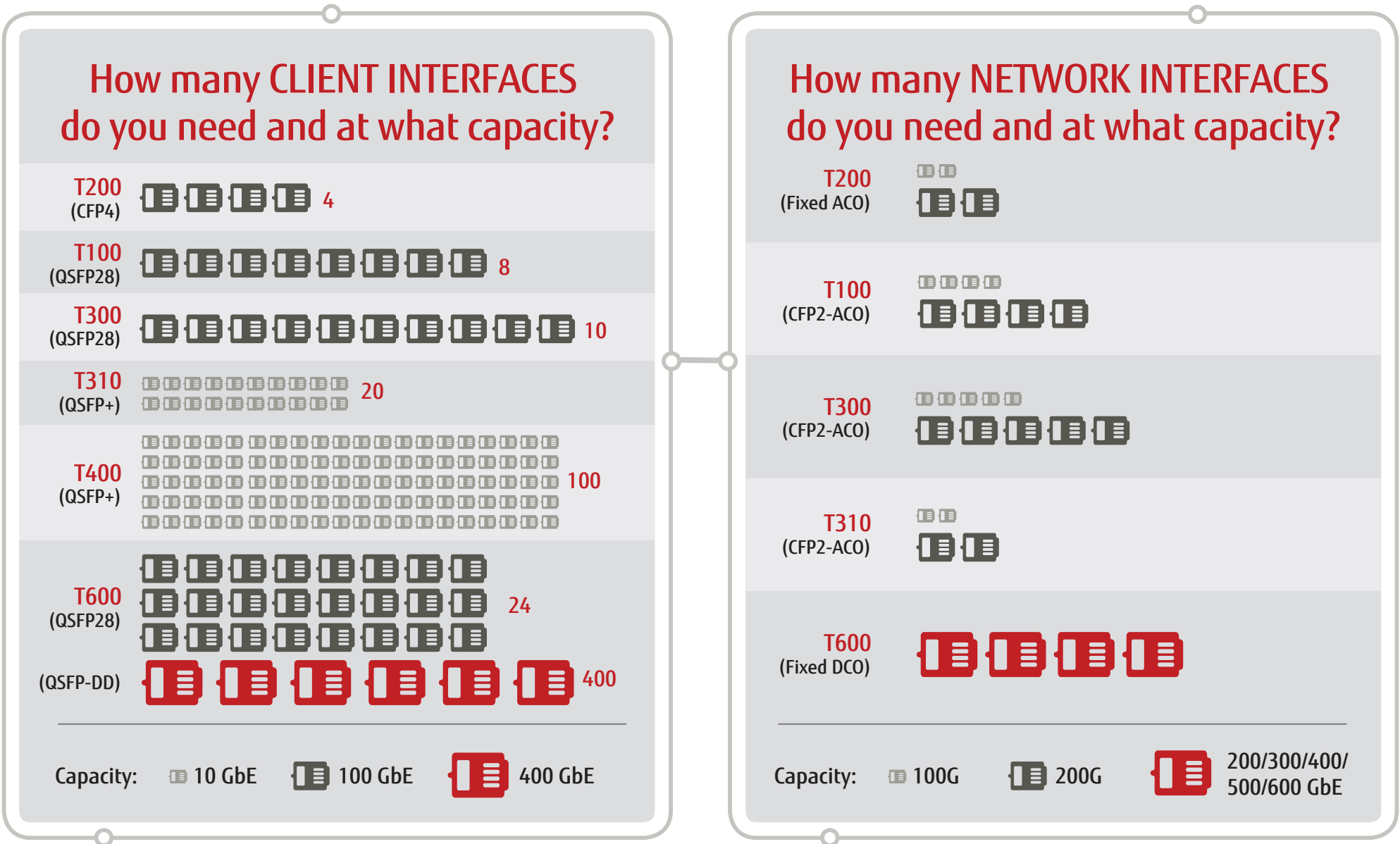
Open
Open line systems for multivendor sourcing and programmable APIs for software control and automation
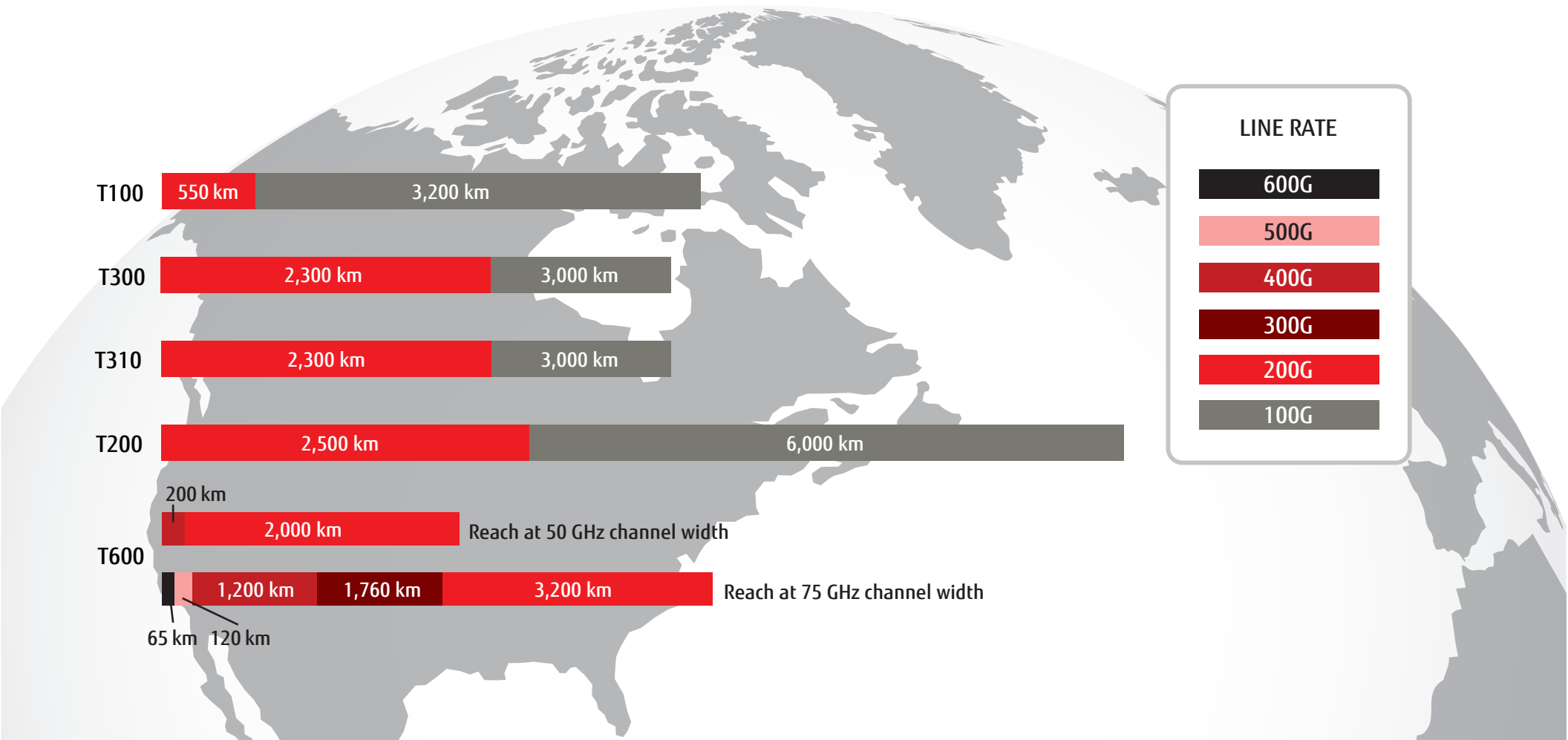
Scalable
Low initial investment and granular pay-as-you-grow approach for reaching beyond 100G

Efficient
High density, reduced power and space for ease of deployment and cost control

How many CLIENT INTERFACES do you need and at what capacity?

Blade	Count
T200 (CFP4)	4
T100 (QSFP28)	8
T300 (QSFP28)	10
T310 (QSFP+)	20
T400 (QSFP+)	100
T600 (QSFP28)	24
(QSFP-DD)	400

Capacity: 10 GbE | 100 GbE | 400 GbE

How many NETWORK INTERFACES do you need and at what capacity?

Blade	
T200 (Fixed ACO)	
T100 (CFP2-ACO)	
T300 (CFP2-ACO)	
T310 (CFP2-ACO)	
T600 (Fixed DCO)	

Capacity: 100G | 200G | 200/300/400/500/600 GbE

HOW FAR DO YOU NEED TO REACH?

LINE RATE
- 600G
- 500G
- 400G
- 300G
- 200G
- 100G

T100: 550 km | 3,200 km

T300: 2,300 km | 3,000 km

T310: 2,300 km | 3,000 km

T200: 2,500 km | 6,000 km

T600: 200 km / 2,000 km — Reach at 50 GHz channel width
65 km / 120 km / 1,200 km / 1,760 km / 3,200 km — Reach at 75 GHz channel width

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