



400G Muxponder
MPND400-2



Open Disaggregate Coherent Platform
IOWN & TIP OOPT Compliance



KEY FEATURES

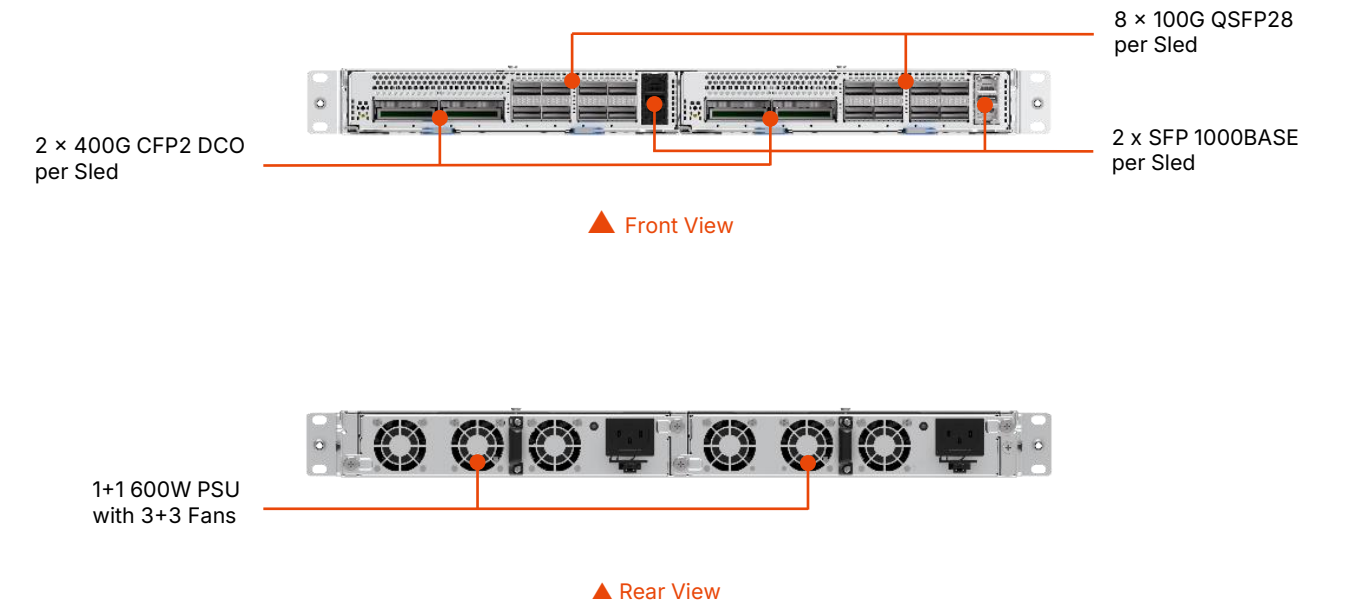
- Two sleds with 1.6TB high transport capacity, hitless 1+1
- ARM CPU with 8GB DDR4, 64GB eMMC, and 128GB M.2 SSD
- Two front transmission slots with 1+1 redundant sleds
 - Each sled with 2 × 400G CFP2-DCO + 8 × 100GbE QSFP28 ports
- Two rear power-serving trays with 1+1 redundant sleds
 - Each sled embedded with a three-fan module and one PSU
- Redundant hot swappable PSUs (1+1) with embedded fans (3+3)
 - 100-240VAC, 50/60Hz, 6A (600W)
 - 40-60VDC, 20A (600W)

SPECIFICATIONS

System	Per sled • 1 x ARM CPU • 8GB DDR4 • 64GB eMMC and 128GB M.2 SSD	Form Factor	1U 19", 2 sleds
Line Interface	2 × 400G CFP2 DCO • 100/200G QPSK • 200/300G 8QAM • 200/400G 16QAM	Dimension (WxHxD)	17.2 × 1.7 × 16.9 inch 438 × 43 x 430 mm
Client Interface	2 × 400G CFP2 DCO • 100/200G QPSK • 200/300G 8QAM • 200/400G 16QAM	Power Supply	1+1 Redundant hot swappable PSUs AC: 100-240VAC, 50/60Hz, 6A (600W) DC: 40-60VDC, 20A (600W)
Management	• Ports 2 × 10/100/1000Base-T/TX RJ-45 USB Type-A • LLDP Snooping • Netconf API, supporting YANG modelling language • gPRC API for streaming telemetry • Performance Monitoring	Cooling System	Air-cooled 3+3 Redundant hot swappable fans (integrated with PSUs)
		Operating Environment	• Ambient operating temperature: 0°C to 50 °C • Ambient non-operating temperature: -40°C to 85 °C • Operating relative humidity: 5% to 90% (non-condensing) • Non-operating relative humidity: 5% to 90% (non-condensing) • Storage temperature : -40°C to 70°C • Storage humidity : 5% to 90% RH

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

MPND400-2 PRODUCT OVERVIEW



APPLICATIONS

Open and disaggregate Muxponder for optical line system, metro/backhaul network, and data center interconnect (DCI).

