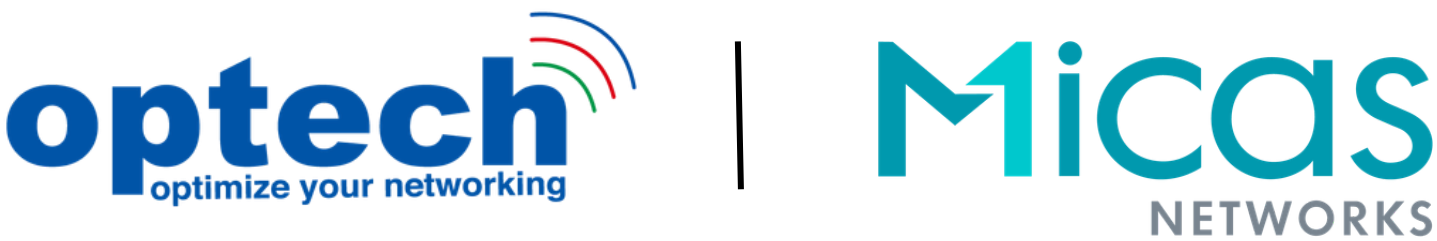


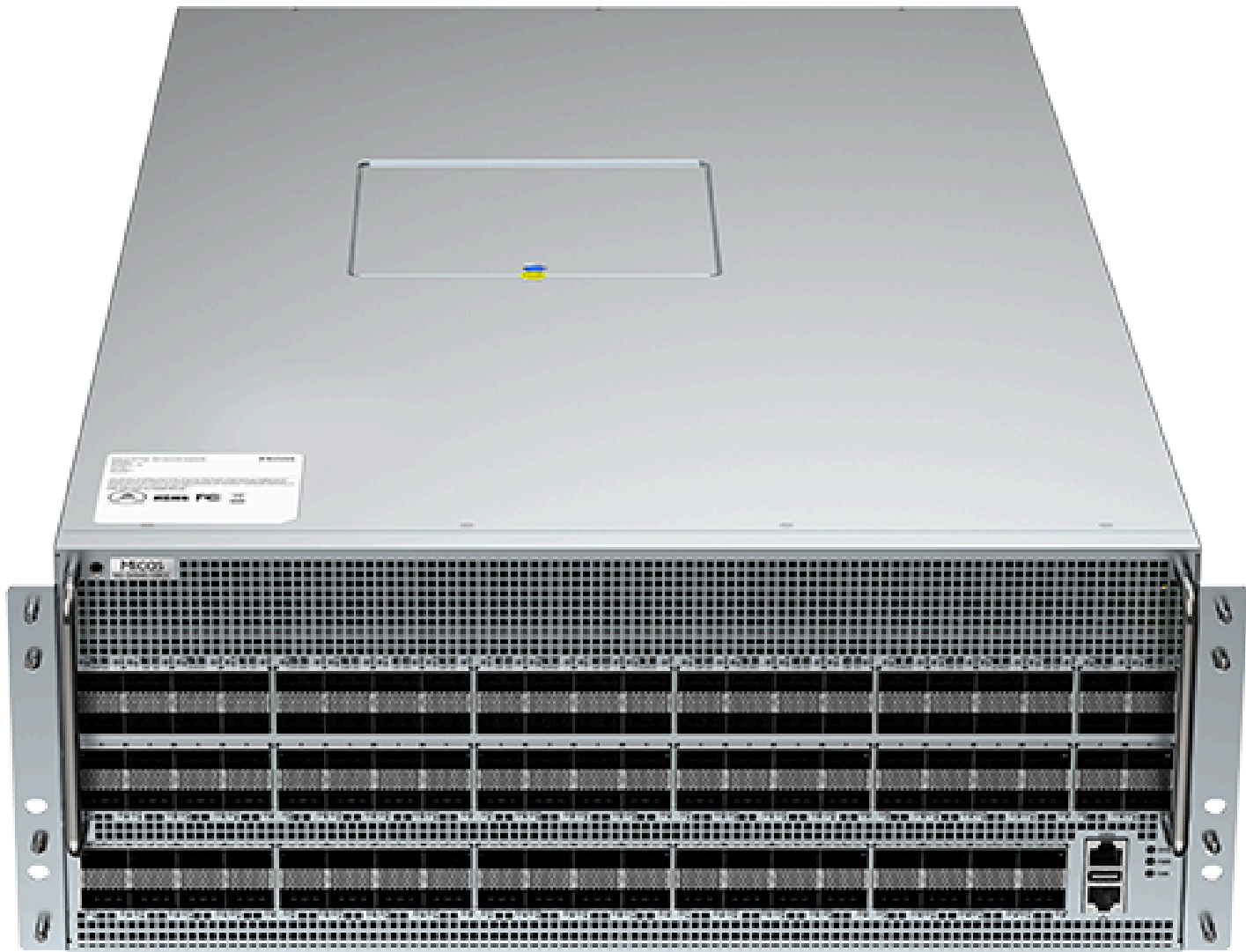
Open AI Factory

Own Your **Optics**. Own the **Future of AI**.

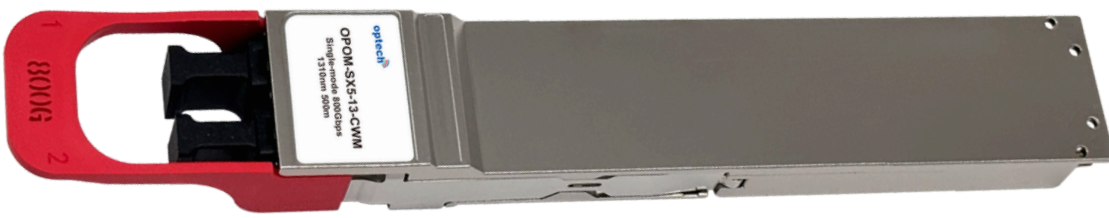
Production ready, validated Open AI Infrastructure for high-bandwidth, high-availability deployments.



Micas Networks and Optech help make Open AI Factory ownership possible. Together, we bring ecosystem perspective and high-speed interconnect expertise to support dense GPU environments, scalable deployments, and next-generation AI data center requirements.



400G



800G



1.6T

PRODUCT SPECIFICATIONS

Switch Model	W6940-128QC
Ports	128 x 400GbE
Console Port	1
MGMT Port	1 × RJ-45 1000BASE-T
USB Port	1
LPO	Support LPO
Switching Capacity	102.4 Tbps
Packets/Second	20.3 Bpps
CPU	Intel Xeon D-1734NT
System Memory	DDR4 16GB (Up to 32GB)
System Storage	240GB
BMC Option	AST2520
Switch ASIC	Supports temperature alarm and overtemperature protection
Packet Buffer	165.2MB
Temperature Alarm	165.2MB
Power Supplies	4 (2+2 redundant, hot-swappable)
Fans	N/A
OS	SONiC
Airflow Options	Front-to-rear
Max/Typical Power	4000W/3846W
Consumption Dimensions (W x D x H)	7.40 × 31.50 × 6.83 in. 442 × 800 × 173.6 mm, 4RU
Weight (with all modules)	94.03 lbs (42.65 kg)

OPTICAL CONNECTIVITY

Linking GPUs, switches and racks at

400G, 800G and 1.6T

PERFORMANCE vs pluggable

≥ 40%

51.2T Co-Packaged Optics in a 4RU, 128 × 400G FR4 system.

SCALE WITH POWER SAVINGS

38.28% switch power reduction

Validated with Supermicro + AMD + Micas at production volume.

OPEN FABRIC

>1M port-hours · zero link flaps

A fabric operators own end to end. No proprietary lock-in.

USE CASES

800G to 1.6T migration

Interoperable AI Infrastructure. AI Data Center Networking . Dense GPU Clusters