

## Optical modules manufactured by OCP



### AI Overview

OCP is Optical Communication Products, Inc., a manufacturer of fiber-optic communication components and subsystems. Company Overview OCP, founded in 1991, is headquartered in Woodland Hills, California, and specializes in designing and manufacturing fiber-optic communication components and subsystems for Ethernet, SONET/SDH, Fibre Channel, and ESCON applications . The company produces a wide range of optical modules, including SFP, SFF, and GBIC packages, as well as transceivers, transponders, transmitters, receivers, arrays, and CWDM solutions . Corporate History OCP was co-founded in 1991, went public in November 2000, and as of 2002, Furukawa Electric Co., Ltd. of Japan owned approximately 60% of the company . In November 2007, OCP was acquired by Oplink Communications, further expanding its reach in the optical communications market . Products and Applications OCP's optical modules and subsystems are used in metropolitan area networks, local area networks, and storage area networks. Its customers include major fiber-optic equipment manufacturers such as Alcatel, Cisco Systems, Lucent Technologies, and Nortel Networks . The company's product portfolio supports scalable optical connectivity solutions for high-speed data transmission and network infrastructure. Key Technologies OCP focuses on high-performance optical modules and subsystems that enable reliable and efficient fiber-optic communication. Its offerings include both standard and military-grade components, ensuring compatibility with a wide range of network applications . In summary, OCP is a well-established optical module manufacturer known for its comprehensive line of fiber-optic components and subsystems, serving major network equipment providers worldwide.

## Article Content

### Next-Gen AI Cooling by Stäubli at OCP

The new Mini-QD technology enables the liquid cooling of next-generation optical pluggable modules such as OSFP and QSFP devices that are expected to reach up to 1.6 terabits

### Optical Communication Products | ProcureInc

Optical Communication Products, Inc. (OCP) is a leading designer and manufacturer of fiber-optic communication components and sub-systems. OCP supports Ethernet, SONET/SDH, Fibre Channel

### Open Compute Project (OCP) Solutions

Active Optics Cable Assemblies Sliver Internal Cabled Interconnects CDFP Connectors, Cages & Cable... OCP Power Distribution Solutions With our plug

### OCP Summit 2024: The open future of networking hardware for AI

At Open Compute Project Summit (OCP) 2024, we're sharing details about our next-generation network fabric for our AI training clusters. We've expanded our network hardware portfolio

### Optical Module PCB: The Ultimate Guide to Design, Fabrication, and ...

This guide serves as an in-depth resource for engineers, designers, and project managers involved in the development of optical module PCBs. It will explore the complete product lifecycle, from design

### Products » Open Compute Project

Products - Features a broad set of stand-alone products such as servers, storage, secure firmware, cables, cards, network devices, cooling components and data center seals. What does it mean for a

### What is Co-Packaged Optics (CPO) Technology? | Corning

Co-Packaged Optics (CPO) Solutions Co-Packaged Optics (CPO) Solutions Today, data centers use a separate approach for optics and electronics, in which optical modules are connected to switches

### OCP DEBUTS OC-48 OPTICAL TRANSPONDER PRODUCT FAMILY.

OCP's subsystems and modules include optical transmitters, receivers, transceivers and transponders that convert electronic signals into optical signals and back to electronic signals,

### Arista Announces XPO High Density Liquid Cooled Pluggable Optics

“The success of any new optical form factor hinges on a strong ecosystem of suppliers and I am pleased to see XPO supported by all major optical module suppliers.”

## OPTICAL CIRCUIT SWITCHING FOR AI AND

Extended infrastructure lifetimes enabled by protocol- and rate-agnostic optical paths, By enabling higher compute efficiency per watt and supporting the continued growth of AI infrastructure within

## OSFP Transceivers: High-Density Optical Connectivity from 400G to

As hyperscale data centers shift toward AI-optimized fabrics and ultra-high-bandwidth switching platforms, the OSFP (Octal Small Form-Factor Pluggable) form factor has become central

## Home » Open Compute Project

In shaping the future, OCP will continue to invest in strategic initiatives that prepare the IT ecosystem for major changes, such as AI & ML, optics, sustainable data center solutions, advanced power

## Progress in Research on Co-Packaged Optics

In the 5G era, the demand for high-bandwidth computing, transmission, and storage has led to the development of optoelectronic interconnect technology. This technology has evolved from

## CPO (Co-Packaged Optics): A Key Technology Path for Optical ...

At this year's OCP Global Summit, “Co-Packaged Optics (CPO)” became a frequently mentioned buzzword. With the continuous expansion of ultra-large model training scale and AI

## Open Compute Products

Optimize your data center with Legrand's Open Compute Project (OCP) products. Explore our ORV3 racks, OCP power shelves, AC shelves, and power supply units designed for efficiency and scalability.

## Intel® Shows OCI Optical I/O Chiplet Co-packaged with CPU at

Christian Urricariet is Head of Product Marketing for Silicon Photonics at Intel. At the Optical Fiber Conference (OFC) in San Diego on March 26-28, 2024, Intel demonstrated our

## Introducing Facebook OCP 200G FR4 Optical Transceiver

The 200G FR4 OCP specification is based on IEEE 200GBASE-FR4 as defined in IEEE 802.3 bs. It is optimized considering the actual operating conditions of data centers to positively

## FireBlade™ FireFly™ OCP OAI EXP Module

The module supports Data Center, HPC, and FPGA-to-FPGA protocols including Ethernet, InfiniBand™, Fibre Channel, PCI Express®, and CXL®. It typically requires half the power of MSA-style optics.

### OCP Summit 2021: Open networking hardware lays the groundwork

They support 128x 200G-FR4 QSFP56 optics modules and can maintain a consistent SerDes speed at the switch ASIC, the optics host interface, and on the optics line/wavelength. They

### Next-Gen AI Cooling by Stäubli at OCP

At the same event, OCP also announced the UQD v2 update, an evolution of the original Universal Quick Disconnect (UQD) standard first developed in 2020 by a working group including

### Co-packaged Optical Modules: Market Growth & Forecast to 2034

Co-packaged Optical (CPO) Modules market projected for robust expansion. Demand from data centers and 5G communication fuels 9.3% CAGR to 2034. Access market data.

## Contact Us

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