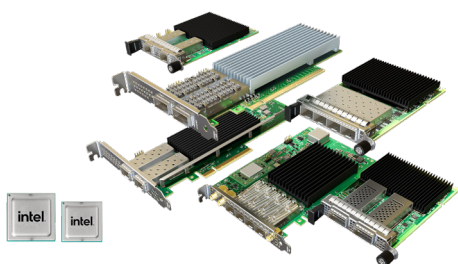


1 to 100 GbE for OCP



Introducing the Intel® Ethernet 800 Series



Intel® Ethernet 800 Series Network Adapters for OCP 3.0 support speeds up to 100Gbps and include innovative and versatile capabilities to optimize workload performance.

Performance for Cloud Applications

Delivers the bandwidth and increased application throughput required for demanding cloud workloads including edge services, web servers, database applications, caching servers, and storage targets.

Optimizations for Communications Workloads

Provides packet classification and sorting optimizations for high-bandwidth network and communications workloads, including mobile core, 5G RAN, and network appliances.

Supports Hyperconverged Solutions

The 800 Series broad portfolio of adapters, with different port counts and form factors, delivers performance with efficient use of server processors.

Move Data Faster

Intel's evolving Ethernet product portfolio consistently delivers a reliable experience and proven interoperability. Whether migrating from 1 to 10GBASE-T, or from 1 to 100Gbps, Intel Ethernet Products and technologies help move data faster.

Compatibility and interoperability

- Extensive conformance testing to IEEE and Ethernet Technology Consortium standards
- Broad network interoperability testing of different media types and Ethernet switches for best-in-class compatibility
- Comprehensive operating system and hypervisor support

Performance assurance

- Optimized for Intel® architecture
- Data Plane Development Kit (DPDK) enabled for faster network functions virtualization (NFV), advanced packet forwarding, and highly-efficient packet processing






Worldwide product support

- Limited lifetime warranty for retail Ethernet Products
- Adherence to global regulatory, environmental, and market requirements

Intel® Ethernet Network Adapters for OCP 3.0

Small Form Factor

Improve application efficiency and network performance with innovative and versatile capabilities that optimize high-performance server workloads such as NFV, storage, HPC-AI, and hybrid cloud.

Adapter Series	Product	Connection	Cabling Type and Range	Speed	Ports	Order Codes*
800	 E810-CQDA1 and -CQDA2 for OCP 3.0	QSFP28	DAC: up to 5 m SMF: up to 10 km MMF: up to 100 m	100/50/25/10GbE	Single and Dual	E810CQDA1OCPV3, E810CQDA2OCPV3
800	 E810-XXVDA2 for OCP 3.0	SFP28	DAC: up to 5 m SMF: up to 10 km MMF: up to 100 m	25/10GbE	Dual	E810XXVDA2OCPV3
800	 E810-XXVDA4 for OCP 3.0	SFP28	DAC: up to 5 m SMF: up to 10 km MMF: up to 100 m	25/10GbE	Quad	E810XXVDA4OCPV3
700	 X710-T2L and -T4L for OCP 3.0	RJ45	CAT6 up to 55 m CAT6A or better up to 100 m	10/1GbE	Dual and Quad	X710T2LOCPV3, X710T4LOCPV3
700	 X710-DA2 and -DA4 for OCP 3.0	SFP+	DAC: 25GbE up to 5 m with RS FEC, up to 3 m with no FEC DAC: 10GbE up to 15 m SMF: up to 10 km MMF: up to 70 m (OM3), up to 100 m (OM4)	10/1GbE	Quad	X710DA2OCPV3G1P, X710DA4OCPV3G1P
1GbE	 I350-T4 for OCP 3.0	RJ45	CAT6 up to 55 m CAT6A or better up to 100 m	10/1GbE, 100MB	Quad	I350T4OCPV3G1P5

DAC - direct attach copper, SMF - single-mode fiber, MMF - multi-mode fiber

Move data faster with Intel® Ethernet products

Learn more about Intel Ethernet Products and Technologies at [intel.com/ethernet](https://www.intel.com/ethernet)

*Interlock faceplate SKU also available on request.

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