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

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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.

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1 to 100 GbE for OCP
**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.

<table>
<thead>
<tr>
<th>Adapter Series</th>
<th>Product</th>
<th>Connection</th>
<th>Cabling Type and Range</th>
<th>Speed</th>
<th>Ports</th>
<th>Order Codes*</th>
</tr>
</thead>
</table>
| 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, E810CQDA2OC3PV3 |
| 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 | E810XXVDA2OC3PV3 |
| 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 | E810XXVDA4OC3PV3 |
| 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 | X710DA2OC3PV3G1P, X710DA4OC3PV3G1P |
| 1GbE           | I350-T4 for OCP 3.0 | RJ45 | CAT6 up to 55 m  
CAT6A or better up to 100 m | 10/1GbE, 100MB | Quad | I350T4OC3PV3G1P |

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

*Interlock faceplate SKU also available on request.

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