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Intel® Ethernet Network Adapters for Open Compute Project (OCP)

WHY INTEL® ETHERNET?

Intel® Ethernet products deliver a reliable out-of-the-box experience and proven interoperability for your current and future networking infrastructure.

Customers say **it just works**.
Here's why:

High compatibility and broad interoperability

• Fully tested network adapters and accessories (optics and cables)

• Thoroughly validated hardware and software across server and networking ecosystem

• Supports a broad selection of operating systems

Ease of use

• Works out of the box

• Automatic and highly optimized configuration setups

• Delivers the right traffic to the right VM via match filters

Performance assurance

• Optimized for Intel® architecture and broad OSV ecosystem

• Scales with CPU technology and leverages intelligent hardware offloads, network virtualization, and fast packet processing via Data Plane Development Kit (DPDK)
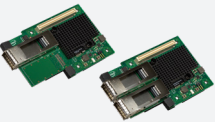
Worldwide product support

• Pre- and post-sales support provides convenient accessibility for customers

• Adheres to global regulatory, environmental, and market requirements

• Long product lifecycle support

Broad product and accessory selection

• Supports multiple speeds (1/10/25/40GbE)

• Supports these media types: BASE-T, Fiber, SFP+, QSFP+, SFP28

MAKE THE CONNECTION WITH INTEL® ETHERNET ADAPTERS FOR OCP

Open Compute Project (OCP) is an industry initiative that uses a minimalist approach to system design, allowing data centers to scale out more effectively while reducing complexity and cost. Intel continues to drive innovation in the OCP community, with 1/10/25/40 Gigabit adapters for OCP, delivering ultimate flexibility and scalability for Cloud and Data Center deployments.

Brand Name	Design	Connector & Cable Medium	Intel® Ethernet Controller	Slot Type, Maximum Bus Speed & Slot Width	Connection Speed	Ports	Network Virtualization Acceleration	Order Codes
Intel® Ethernet Network Adapter X710-T2L and -T4L for OCP 3.0 (New!)	OCP NIC 3.0 Small Form Factor	RJ45 Category 6A up to 100m	X710-AT2/TM4	PCI Express v3.0 8.0GT/s, x8 lanes	10/5/2.5/1GbE	Dual and Quad Port	Multi-Queue and Stateless Offloads for VXLAN-GPE with NSH, NVGRE, GENEVE, MPLS	X710T2L X710T4L
Intel® Ethernet Network Adapter X710-DA2 and-DA4 for OCP 3.0 (New!)	OCP NIC 3.0 Small Form Factor	SFP+ Direct Attach Copper Twinaxial 10GBASE-SR, -SRX, and -LR Physical Media	X710	PCI Express v3.0 8.0GT/s, x8 Lanes	10/1GbE	Dual and Quad Port	Multi-Queue and Stateless Offloads for VXLAN-GPE with NSH, NVGRE, GENEVE, MPLS	X710DA2OCPV3 X710DA4OCPV3
Intel® Ethernet Network Adapter I350-T4 for OCP 3.0 (New!)	OCP NIC 3.0 Small Form Factor	RJ45 Category 5 up to 100m	I350	PCI Express v2.0 5.0GT/s x4 Lanes	1GbE and 100Mb	Quad Port	VMDq, SR-IOV, EEE	I350T4OCPV3
Intel® Ethernet Server Adapter XL710-QDA1 and -QDA2 for OCP	OCP Mezzanine 2.0 Type 1	QSFP+ Direct Attach Copper Twinaxial 40GBASE-SR and -LR Physical Media	XL710	PCI Express v3.0 8.0GT/s, x8 Lanes	40/10GbE	Single and Dual Port	Multi-Queue and Stateless Offloads for VXLAN-GPE with NSH, NVGRE, GENEVE, MPLS	XL710QDA1OCP XL710QDA2OCP
Intel® Ethernet Network Adapter XXV710-DA1 and -DA2 for OCP	OCP Mezzanine 2.0 Type 1 and Type 2	SFP28 Direct Attach Copper Twinaxial 25GBASE-SR, -SRX, and -LR Physical Media	XL710 (Single) XXV710 (Dual)	PCI Express v3.0 8.0GT/s, x8 Lanes	25/10/1GbE	Single[1] and Dual Port	Multi-Queue and Stateless Offloads for VXLAN-GPE with NSH, NVGRE, GENEVE, MPLS	Type 1: XXV710DA1OCP XXV710DA2OCP1 Type 2: XXV710DA2OCP2
Intel® Ethernet Server Adapter X710-DA2 for OCP	OCP Mezzanine 2.0 Type 1 and Type 2	SFP+ Direct Attach Copper Twinaxial 10GBASE-SR, -SRX, and -LR Physical Media	X710	PCI Express v3.0 8.0GT/s, x8 Lanes	10/1GbE	Dual Port	Multi-Queue and Stateless Offloads for VXLAN-GPE with NSH, NVGRE, GENEVE, MPLS	Type 1: X710DA2OCP1 Type 2: X710DA2OCP
Intel® Ethernet Server Adapter X520-DA1 and -DA2 for OCP	OCP Mezzanine 2.0 Type 1	SFP+ Direct Attach Copper Twinaxial 10GBASE-SR, -SRX, and -LR Physical Media	82599ES	PCI Express v2.0 5.0GT/s, x8 Lanes	10/1GbE	Single and Dual Port	RSS for UDP for VXLAN	X520DA1OCP X520DA2OCP X520DA1OCPG2P5 X520DA2OCPG2P5

1. Single port supports Type 1 only.

For a reliable out-of-the-box experience, easy installation, and trusted connectivity, make the connection with Intel® Ethernet Adapters for OCP.

Connect with us at **intel.com/ethernet**

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