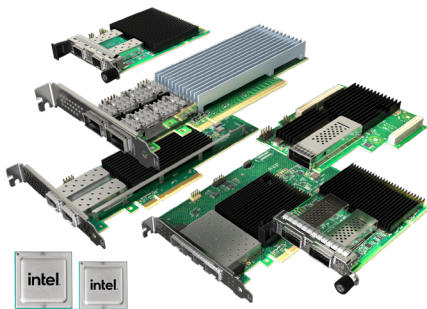


 +

1 to 100 Gb Ethernet

HPE Product Guide for Intel® Ethernet Network Adapters

Introducing the Intel® Ethernet 800 Series



Intel® Ethernet 800 Series Network Adapters 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.

Why Intel® Ethernet

Intel's extensive product selection, from 1GbE to 200GbE, supports a variety of form factors (PCIe and OCP network adapters, ASIC controllers and SOCs) and media types (BASE-T, Fiber, SFP+, QSFP+, SFP28, QSFP28, QSFP56, KR and XAUI), as well as open platform initiatives like OCP, DPDK, OFED, and ORAN.

The Intel Ethernet portfolio, with its supported open-platform initiatives, offers a wide range of data center solutions and continues to evolve with reliable off-the-shelf components to address any system size or budget.

Compatibility and interoperability

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

Performance assurance






- Validated on all x86 architectures and optimized for Intel® architecture
- Security protocols and management to ensure data integrity
- Scales with CPU cores and technologies

Worldwide product support


- Industry-leading limited lifetime warranty*
- World-class pre- and post-product support
- Adherence to global regulatory, environmental, and market requirements

*HPE warranty supersedes Intel warranty for all HPE product purchases.




Intel Ethernet 800 Series Network Adapters

Product Image	Product SKU	Platform	Speed	Ports, Media Type	Form Factor	HPE Part Number	Intel MM#
	E810-2CQDA2	Gen11 Gen10 Plus	100/25/10/1GbE	2-port, QSFP28	PCIe	P41611-B21	99AG23
	E810-CQDA2	Gen11 Gen10 Plus	100/25/10GbE	2-port, QSFP28	PCIe	P21112-B21	999NFW
	E810-CQDA2 for OCP 3.0	Gen11 Gen10 Plus	100/25/10GbE	2-port, QSFP28	OCP 3.0	P22767-B21	99A5D5
	E810-XXVDA4 for OCP 3.0	Gen11 Gen10 Plus	25/10GbE	4-port, SFP28	OCP 3.0	P41614-B21	99AG25
	E810-XXVDA4 (FH, LP)	Gen11 Gen10 Plus	25/10GbE	4-port, SFP28	PCIe	P08458-B21 (FH) P63673-B21 (LP)	999HHX 99CG33
	E810-XXVDA4T for high-precision timing synchronization	Gen11 Gen10 Plus	25/10/1GbE	4-port, SFP28	PCIe	P41636-B21	99AG2J
	E810-XXVDA2	Gen11 Gen10 Plus	25/10GbE	2-port, SFP28	PCIe	P08443-B21	99A3ZD
	E810-XXVDA2 for OCP 3.0	Gen11 Gen10 Plus	25/10GbE	2-port, SFP28	OCP 3.0	P10106-B21	99A3ZC





Intel Ethernet 700 Series Network Adapters

Product Image	Product SKU	Platform	Speed	Ports, Media Type	Form Factor	HPE Part Number	Intel MM#
	XL710-QDA2	Gen10	40/10GbE	Dual Port, QSFP+	PCIe	P05891-B21	979195
	XXV710-DA2	Gen10	25/10GbE	2-port, SFP28	PCIe	870825-B21	959632
	X710-DA2	Gen10	10GbE	2-port, SFP+	PCIe	727055-B21	939055
	X710-DA2	Gen10 Plus	10GbE	2-port, SFP+	PCIe	P28787-B21	99A4M7
	X710-DA4	Gen10	10GbE	4-port, SFP+	PCIe	869585-B21	953114
	X710-T2L Special Adapter	Gen10 Plus	10/1GbE	2-port, 10GBASE-T	PCIe	P36208-B21	984718
	X710-T4L Special Adapter	Gen10 Plus	10/1GbE	4-port, 10GBASE-T	PCIe	P31618-B21	984723
	X710-T2L for OCP 3.0 Special Adapter	Gen10 Plus	10/1GbE	2-port, 10GBASE-T	OCP 3.0	P36205-B21	99A01H
	X710-T4L for OCP 3.0 Special Adapter	Gen10 Plus	10G/1bE	4-port, 10GBASE-T	OCP 3.0	P46857-B21	99A0FT
	X710-DA2 for OCP 3.0	Gen10 Plus	10GbE	2-port, SFP+	OCP 3.0	P28778-B21	99A4M3
	X710-DA2	Gen10	10GbE	2-port, SFP+	FlexLOM	727054-B21	939054

Intel Ethernet 500 Series Network Adapters

Product Image	Product SKU	Platform	Speed	Ports, Media Type	Form Factor	HPE Part Number	Intel MM#
	X550-T2	Gen10	10/1GbE	2-port, 10GBASE-T	PCIe	817738-B21	952753
	X520-DA2	Gen10 Gen9	10GbE	2-port, SFP+	FlexLOM	665243-B21	918847
	X550-T2	Gen10	10/1GbE	2-port, 10GBASE-T	FlexLOM	817745-B21	952808

1 Gigabit Intel Ethernet Network Adapters

Product Image	Product SKU	Platform	Speed	Ports, Media Type	Form Factor	HPE Part Number	Intel MM#
	I350-T4V2	Gen10	1GbE	4-port 1000BASE-T	PCIe	811546-B21	942787
	I350-T4	Gen11 Gen10 Plus	1GbE	4-port 1000BASE-T	PCIe	P21106-B21	999NFV
	I350-T4 for OCP 3.0	Gen11 Gen10 Plus	1GbE	4-port 1000BASE-T	OCP 3.0	P08449-B21	999HCV
	I350-T4V2	Gen10	1GbE	4-port 1000BASE-T	FlexLOM	665240-B21	918846

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