1 to 100 Gb Ethernet
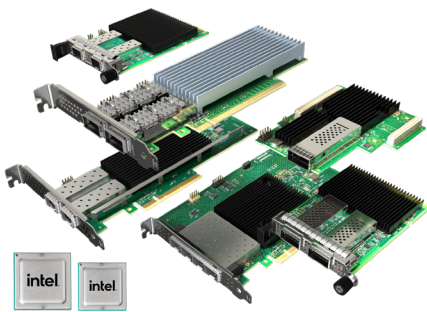
intel® + Lenovo™

Lenovo 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.

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 800 Series Network Adapters

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.

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.

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
E810-XXVDA2	25GbE	Dual Port, SFP28	ST50 V2, ST250 V2, ST250 V3, SR250 V2, SR250 V3, ST650 V2, SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR670 V2, SR675 V3, SR635, SR 635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3	4XC7A08295	999P08
E810-XXVDA4	25GbE	Quad Port, SFP28	SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR670 V2, SR635, SR635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3	4XC7A80267	99A2H8

800 Series Network Adapters for OCP 3.0

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
E810-XXVDA2 for OCP 3.0	25GbE	Dual Port, SFP28	SR630V2, SR630 V3, SR650 V2,SR650 V3, SR670 V2, SR635, SR635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3, SR675 V3	4XC7A08294	999P07
E810-XXVDA4 for OCP 3.0	25GbE	Quad Port, SFP28	SR630V2, SR630 V3, SR650 V2, SR650 V3, SR670 V2, SR635, SR635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3, SR675 V3	4XC7A80269	983100

Intel Ethernet 700 Series Network Adapters

The 700 Series provides broad interoperability, critical performance optimizations and increased agility for Communications, Cloud and the Data Center.

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
XXV710-DA2	25GbE	Dual Port, SFP28	TBD	7XC7A05523	958209, 948661
X710-DA2	10GbE	Dual Port, SFP+	ST650 V2, SR630 V2, SR650 V2, SR670 V2, SR635, SR655, SR645, SR665	7ZT7A00537	952103
X710-DA4	10GbE	Quad Port, SFP+	ST250 V2, SR250 V2	7XC7A05525	944040, 944041
X710-T2L	10GbE	Dual Port, 10GBASE-T	ST650 V2, SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR635, SR635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3	4XC7A80266	99AT6H, 984718
X710-T4L	10GbE	Quad Port, 10GBASE-T	ST250 V2, ST250 V3, SR250 V2, SR250 V3, ST250 V2, ST650 V2, ST650 V3, SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR635, S4635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3	4XC7A79699	984723, 99AT6V
X710-T4	10GbE	Quad Port, 10GBASE-T	TBD	7XC7A05927	954722, 943101

700 Series Network Adapters for OCP 3.0

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
X710-T2L for OCP 3.0	10GbE	Dual Port, 10GBASE-T	SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR635, SR635 V3, SR645, SR645 V3, SR655, S4655 V3, SR665, SR655 V3	4XC7A08278	9999MK, 999L70
X710-T4L for OCP 3.0	10GbE	Quad Port, 10GBASE-T	SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR670 V2, SR635, SR635 V3, SR645, SR645 V3, SR655, S4655 V3, SR665, SR655 V3	4XC7A80268	99AT6X

Intel Ethernet 500 Series Network Adapter

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
X550-T2	10GbE	Dual Port, 10GBASE-T	ST50 V2, ST250 V2, SR250 V2, ST650 V2, SR630 V2, SR650 V2, SR635, SR645, SR655, SR665	00MM860	947169

1 Gigabit Intel Ethernet Network Adapter

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
I350-T4	1GbE	Quad Port, 1000BASE-T	ST50 V2, ST250 V2, ST250 V3, SR250 V2, SR250 V3, ST650 V2, ST650 V3, SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR670 V2, SR635 V2, SR635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR655 V3	7ZT7A00535	952102

1 Gigabit Intel Ethernet Network Adapter for OCP 3.0

Product	Speed	Ports, Media Type	Supported Platforms	Lenovo Part Number	Intel MM#
I350-T4 for OCP 3.0	1GbE	Quad Port, 1000 BASE-T	SR630 V2, SR630 V3, SR650 V2, SR650 V3, SR635, SR635 V3, SR645, SR645 V3, SR655, SR655 V3, SR665, SR665 V3	4XC7A08277	999L71

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