



INTEL® ETHERNET CONTROLLER I225

Multi-gigabit Ethernet controller for embedded space-constrained designs



The Intel® Ethernet Controller I225 is an PCI Express controller Base-T copper networking interface. It provides a compact, single-port integrated multi-gigabit (up to 2.5Gb/s) - MDI (Copper) standard IEEE 802.3 Ethernet interface for 2500BASE-T, 1000BASE-T, 100BASE-TX, 10BASE-TE connections (IEEE 802.3, 802.3u, 802.3ab). One of the main features of the I225 is the support of the latest time sensitive networking (TSN) features, along with best in class power management and Operating System Support. Based on the Ethernet Controller I225, Intel® offers versatile networking solutions like the Intel® Ethernet Network Adapter I225-T1.

Key Features

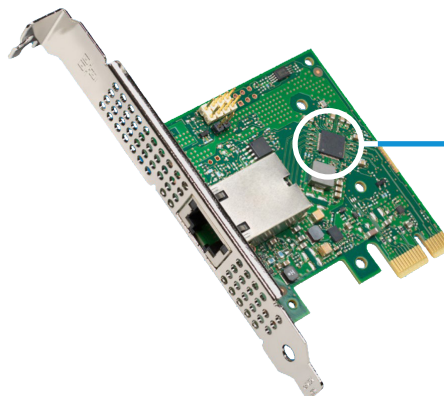
- PCI Express 3.1 (5GT/s) x1 host interface
- Time Sensitive Networking (TSN)
- MDI (Copper) std. IEEE 802.3 Ethernet interface
- Intel® Active Management Technology support

Key Benefits

- Advanced interrupt-handling
- Improving throughput in multi-core platforms by load-balancing network traffic flows
- Performance-enhancing features

Key Applications

- Advanced time-critical and synchronized operations
- Embedded applications
- Industrial applications
- Audio / Video applications



Intel® Ethernet Network Adapter I225-T1



Intel® Ethernet Controller I225



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