Network Connectivity

Intel® Ethernet Adapters
Network Connectivity (Legacy and E-series)

Intel's Ethernet network connection suite of 10/100/1000Mbps and 10Gbps adapters and embedded controllers delivers performance, reliability, flexibility, and ease of use for PCI, PCI-X, PCI Express, CompactPCI, PMC and mezzanine form factors. Intel's Ethernet controllers support the latest networking technologies, including Intel® I/O Acceleration Technology (Intel® I/OAT), support for IEEE-integrated virtualization, iSCSI, UNDI, iSCSI boot, and Intel® PRO/100 Manageability.

Intel's 10 Gb Ethernet controller family is a PCI Express Gen2 (5.0 GT/s) family of dual-port server adapters and single-port embedded controllers supporting fiber optic and copper media in a wide variety of networking and virtualized environments. Intel's 10 Gb Ethernet controllers support Intel® I/O Acceleration Technology (Intel® I/OAT), Microsoft NetDMA, and Linux DCA for lower CPU utilization and increased data throughput. Intel's 10 Gb Ethernet controllers also support emerging data center standards, including support for Data Center Bridging and FCoE capabilities.

Intel's Gigabit Ethernet controllers support the latest networking technologies, including Intel® I/O Acceleration Technology (Intel® I/OAT), Microsoft NetDMA, and Linux DCA for lower CPU utilization and increased data throughput. Intel's Gigabit Ethernet controllers also support emerging data center standards, including support for Data Center Bridging and FCoE capabilities. Some of the controllers support acceleration of IPsec and SSL security protocols. Intel's Gigabit Ethernet controllers support virtualization with PCI-SIG-compliant SR-IOV implementations.

Intel® Ethernet Controllers (with a controller ID)

Product Name

- Intel(R) 10 Gigabit AF DA Dual Port Server Adapter
- Intel(R) 10 Gigabit AT Server Adapter
- Intel(R) 10 Gigabit CX4 Dual Port Server Adapter
- Intel(R) 10 Gigabit XF LR Server Adapter
- Intel(R) 10 Gigabit XF SR Dual Port Server Adapter
- Intel(R) 10 Gigabit XF SR Server Adapter
- Intel(R) 10 Gigabit XF SR/AF DA Dual Port Server Adapter
- Intel(R) 10 Gigabit XF SR/AT Server Adapter
- Intel(R) 10GbE LAN on Motherboard
- Intel(R) 10GbE PCI Express Network Connection
- Intel(R) 10GbE/1GbE Dual Rate Server Adapter