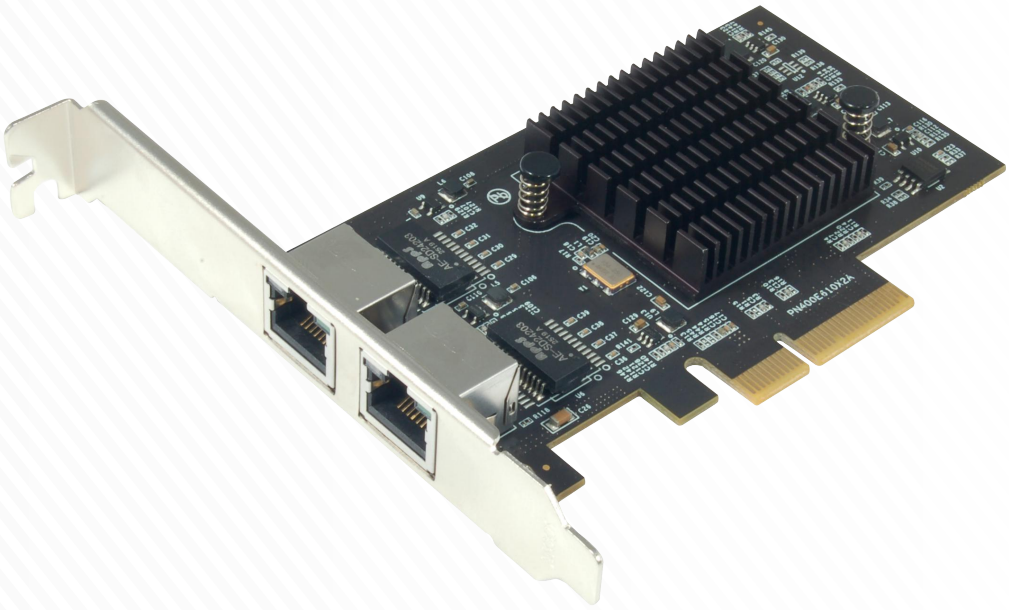
ST Lab
The Best Connection !

Intel PCIe 2-Port 10G 5-Speed Multi-Gigabit Network Adapter

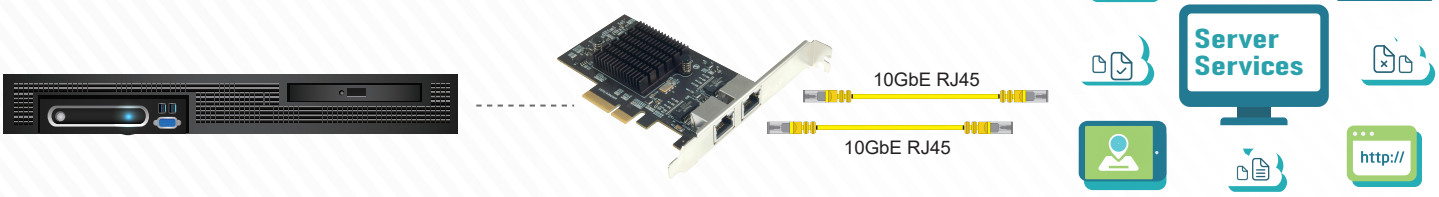
N-1320 Intel PCIe 2-Port 10G 5-Speed Multi-Gigabit Network Adapter
Solution: Intel E610-XAT2



The N-1320 Intel PCIe 2-Port 10G 5-Speed Multi-Gigabit Network Adapter delivers high-performance connectivity for modern data centers and edge IoT deployments. Powered by the Intel E610-XAT2 controller, it supports PCIe 4.0 for ultra-fast throughput and reduced latency across 5-speed Ethernet (100M/1G/2.5G/5G/10G). Engineered for efficiency, the N-1320 boasts low power consumption and advanced CPU offloading capabilities, optimizing system resources for demanding workloads. Built-in Root of Trust security ensures hardware-level protection, safeguarding sensitive data and infrastructure. The adapter also supports cutting-edge virtualization technologies, enabling scalable, multi-tenant environments with enhanced isolation and performance. Whether deployed in cloud-scale data centers or rugged edge environments, the N-1320 offers robust, secure, and energy-efficient networking to meet the evolving demands of high-bandwidth applications. With its compact design and enterprise-grade reliability, it's the ideal solution for organizations seeking future-ready connectivity without compromise.

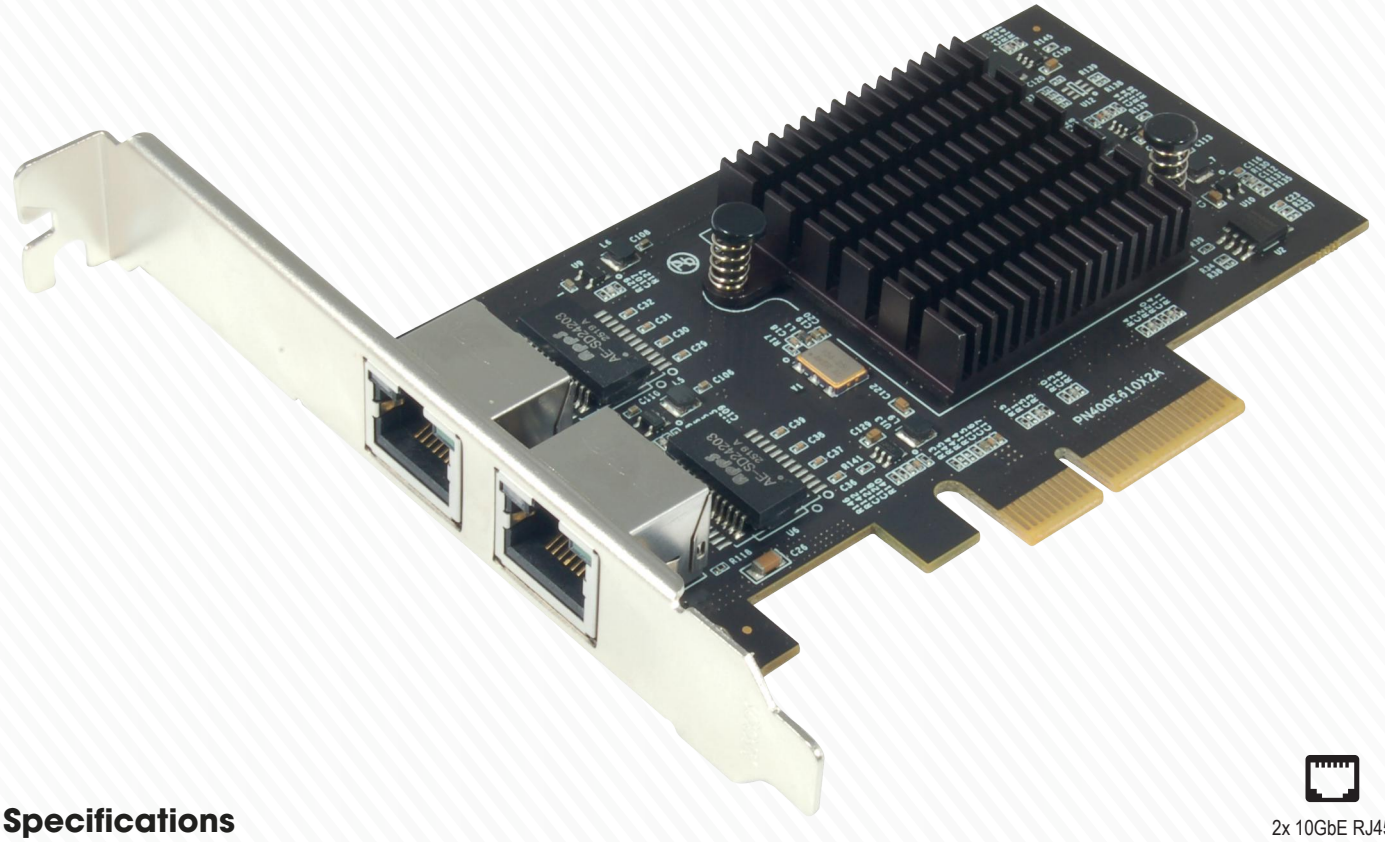
Features

- Backward compatible with multi-speed support for 10/5/2.5/1GbE, and 100BASE-TX
- Standard CAT5e/CAT6/CAT6A cabling with 100m reach
- PCI Express (PCIe) 4.0
- Low power consumption
- Network Virtualization Overlay aware with stateless offload support for VXLAN, GENEVE, and NVGRE
- Intel® Ethernet Flow Director for hardware-based application traffic steering
- Excellent small packet performance for network appliances and Network Functions Virtualization (NFV)
- Device attestation and encrypted BMC communications with secure SPDM



N-1320 Intel PCIe 2-Port 10G 5-Speed Multi-Gigabit Network Adapter

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2x 10GbE RJ45

Specifications

Ordering Code	**N-1320**
Description	**Intel PCIe 2-Port 10G 5-Speed Multi-Gigabit Network Adapter**
Form Factor	PCIe 4.0 x4
Bus Width	x4 lane PCI Express
OS Driver Support	Windows: 11/Server 2022/2025 Linux: RHEL 8.9 - 8.10/9.3 -10, SLES 12/15, Ubuntu 120.x LTS/22.x LTS FreeBSD 13./14..x
Connectors	2x RJ45
Data Rates	10GbE/5GbE/2.5GbE/1GbE/100Mb
Dimensions	128.33 x 120.92 x 21.59 mm
Operating Temperature	0℃ – 60℃
Storage Temperature	-40℃ – 70℃
EMC Standards	CE, FCC
Package Contents	1x Intel PCIe 2-Port 10G 5-Speed Multi-Gigabit Network Adapter 1x User Manual