

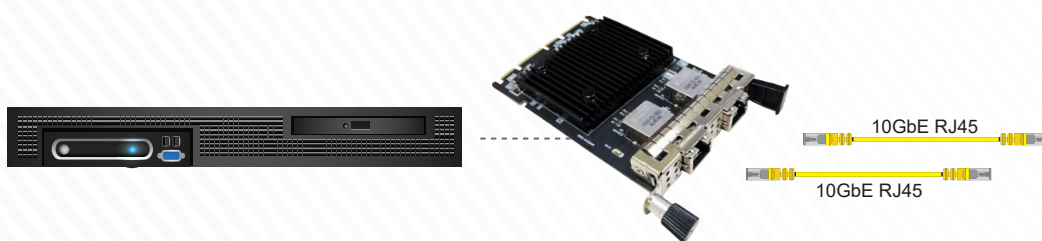
N-1340 Intel 2-Port 10G OCP 3.0 Network Adapter Solution: Intel E610-XAT2



The N-1340 Intel 2-Port 10G OCP 3.0 Network Adapter delivers high-performance connectivity for modern data centers and edge IoT deployments. Powered by the Intel E610-XAT2 controller, its OCP 3.0 small form factor (SFF) with PCIe 4.0 bus width delivers ultra-fast throughput and minimized latency across 5-speed Ethernet (100M/1G/2.5G/5G/10G). Engineered for efficiency, the N-1340 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-1340 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
- OCP 3.0 Small Form Factor (SFF) with Pull Tab
- 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



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Solution: Intel E610-XAT2



2x 10GbE RJ45

Specifications

Ordering Code	N-1340
Description	Intel 2-Port 10G OCP 3.0 Network Adapter
Form Factor	OCP 3.0 SFF
Bus Width	PCIe 4.0 x4
OS Driver Support	Windows 11 Windows Server 2022/2025 Linux kernel versions 2.6.x or newer VMware ESXi 7.0 or above FreeBSD
Connectors	2x RJ45
Data Rates	10GbE/5GbE/2.5GbE/1GbE/100Mb
Dimensions	131.90 x 84.60 x 15.10 mm
Operating Temperature	0 °C – 60 °C
Storage Temperature	-40 °C – 70 °C
EMC Standards	CE, FCC
Package Contents	1x Intel 2-Port 10G OCP 3.0 Network Adapter 1x User Manual

