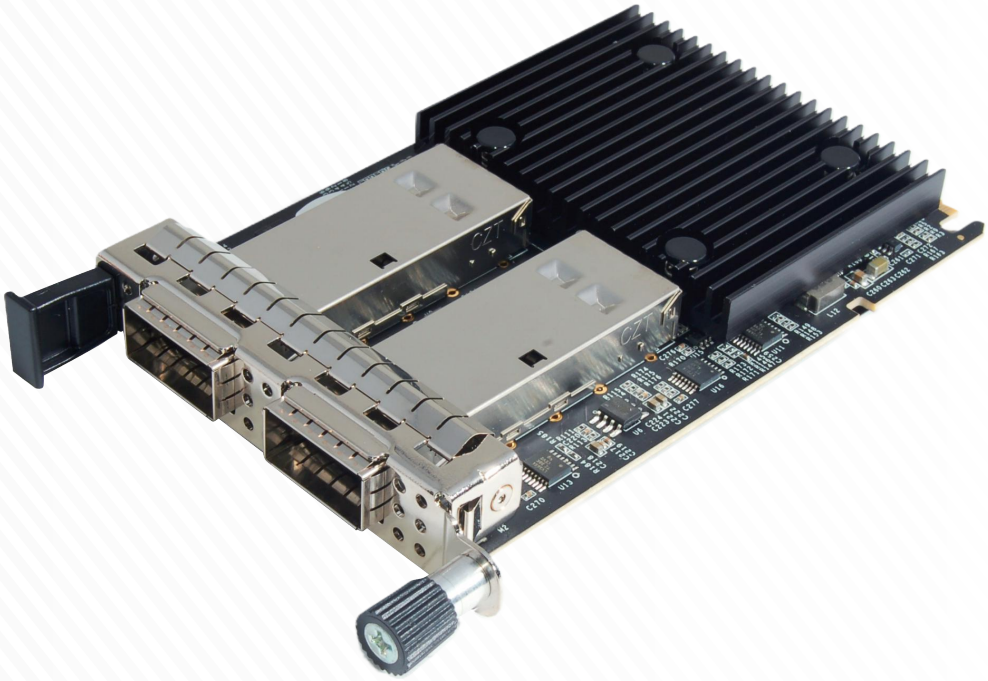
Intel 2-Port 100G QSFP28 OCP 3.0 Network Adapter

N-1030 Intel 2-Port 100G QSFP28 OCP 3.0 Network Adapter

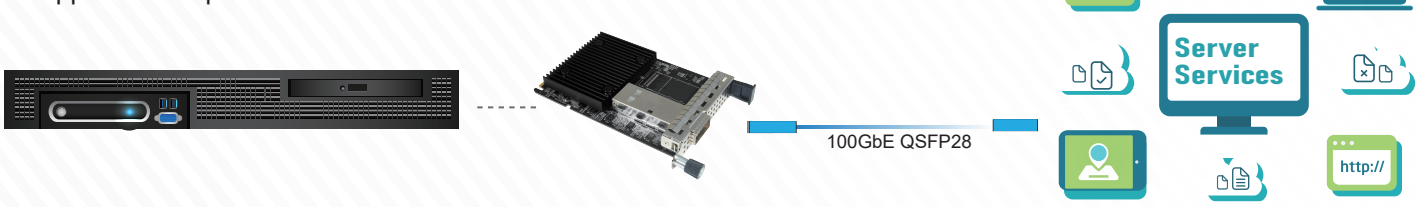
Solution: Intel E810-CAM2



The card is an OCP3.0 SFF 100G Ethernet network adapter, powered by the Intel chip E810-CAM2 With hardware-accelerated packet processing extensions and application queuing technology, this card enables NVMe support for Fabric TCP, along with optional support for RDMA's iWARP and RoCEv2 capabilities. The application queuing technology function of the optical fiber network card ensures that each application can request its own queue, that is, the data between applications is no longer confused. With up to 100Gbps interface speed, making it ideal for data centers, cloud computing and high-throughput storage application. By utilizing program queues, this card reduces application delay and improve throughput.

Features

- OCP 3.0 SFF Form Factor
- PCIe Gen4 x16 host interface
- Supports 4C+ connector
- Supports OCP 3.0 scan chain, FRU NVM and NC-SI
- Supports UEFI preboot
- OCP 3.0 SFF form factor with Pull Tab (Internal Lock option by demand)
- Supports 100GAUI-2/4 optics, and 100GBASE-CR2/CR4 DAC modules
- Intel Ethernet Flow Director – Application Device Queues (ADQ)
- Low Latency RDMA over Converged Ethernet (iWARP and RoCE v2)
- Jumbo Packet (9K Max)
- Dynamic Device Personalization (DDP)
- Supports UEFI preboot

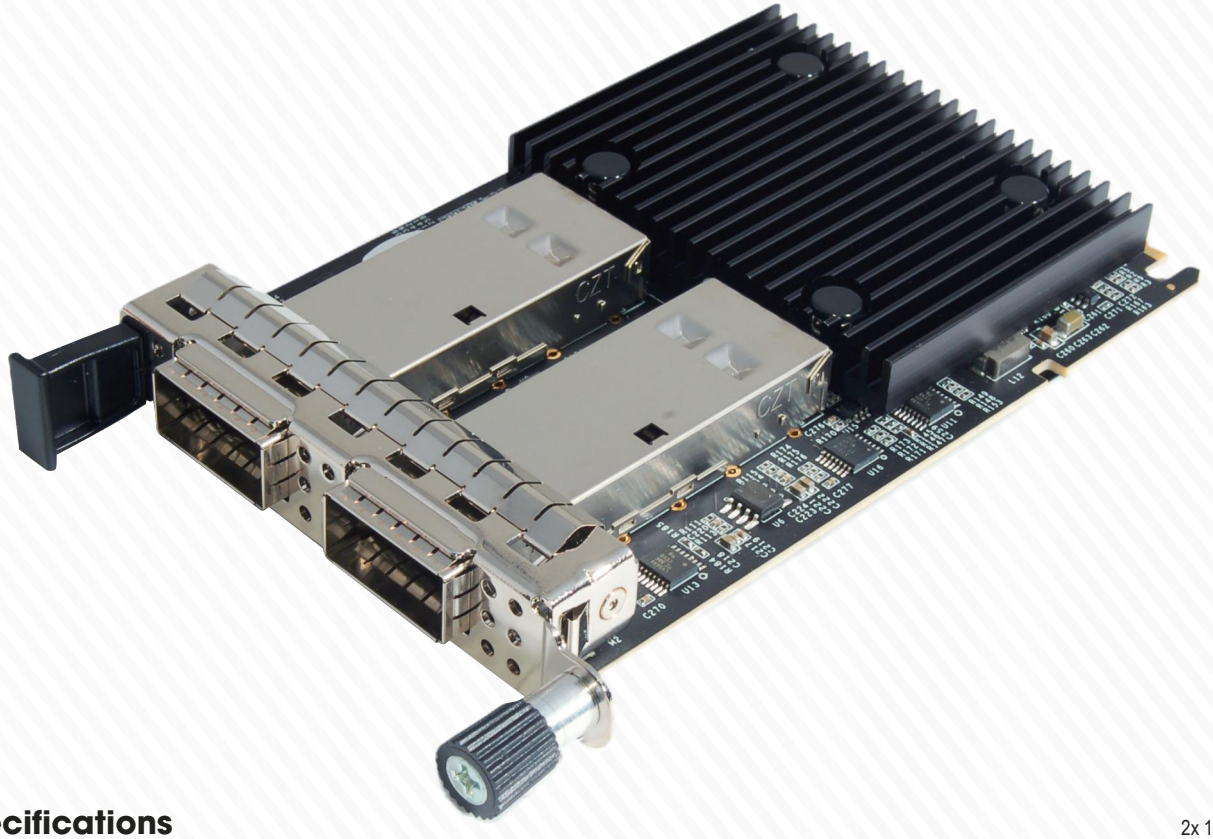


ST Lab
The Best Connection !

Intel 2-Port 100G QSFP28 OCP 3.0 Network Adapter

N-1030 Intel 2-Port 100G QSFP28 OCP 3.0 Network Adapter

Solution: Intel E810-CAM2



2x 100GbE QSFP28

Specifications

Ordering Code	**N-1030**
Description	**Intel 2-Port 100G QSFP28 OCP 3.0 Network Adapter**
Form Factor	OCP 3.0 SFF
Bus Width	PCIe 4.0 x16
OS Driver Support	Windows Server 2016/2019/2022 Windows 10/11 Linux kernel 4.x or later
Connectors	2x QSFP28
Data Rates	100GbE /50GbE /25GbE /10GbE
Dimensions	131.81 x 84.6 x 15.1 mm
Operating Temperature	0℃ – 55℃
Storage Temperature	-40℃ – 70℃
EMC Standards	CE, FCC
Package Contents	1x Intel 2-Port 100G QSFP28 OCP 3.0 Network Adapter 1x User Manual