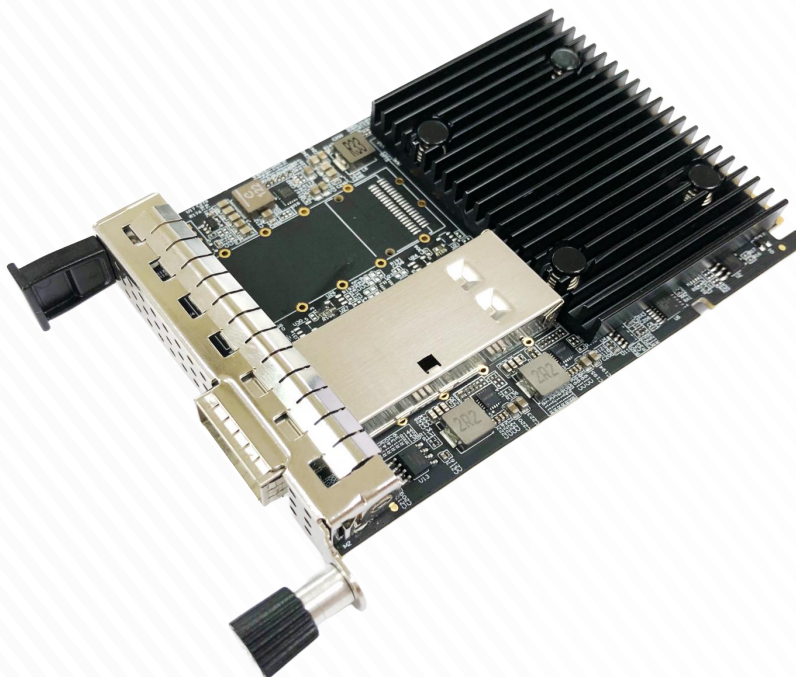


N-1160 Broadcom 1-Port 100G QSFP56 OCP 3.0 Network Adapter

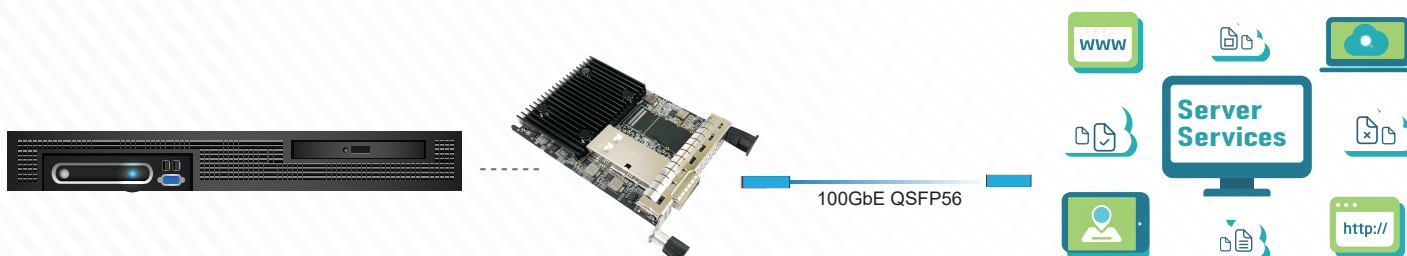
Solution: BCM57504



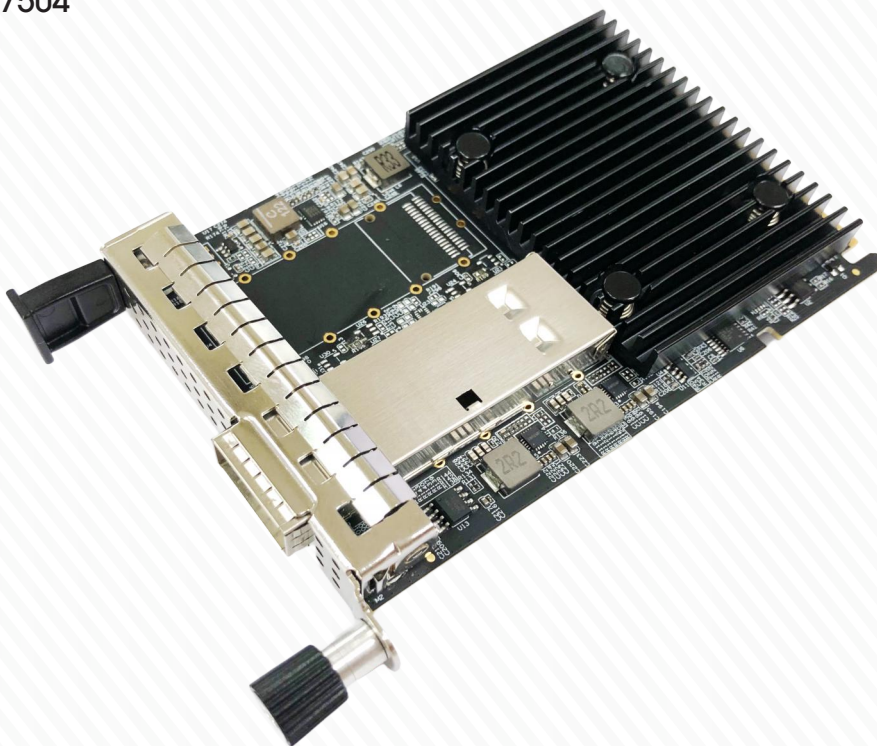
The N-1160 Broadcom 1-Port 100G QSFP56 OCP 3.0 Network Adapter built on Broadcom's BCM57504 controller enables highly-scalable, feature-rich networking solutions in servers. It caters to enterprise and cloud-scale applications, including high-performance computing, telco, machine learning, storage disaggregation, and data analytics. By combining a high-bandwidth Ethernet controller with optimized hardware acceleration engines, it enhances network performance and server efficiency. Notably, features like TruFlow™ boost VM density, and on-chip tunneling protocols improve throughput while reducing CPU utilization.

Features

- Standards-compliant 100/50/40/25/10G single-port QSFP56 OCP 3.0 adapter with line-rate, full-duplex throughput
- NIC partitioning supporting 16 physical functions (PFs)
- TruFlow™ engine for intelligent flow processing to increase server VM density and accelerate vSwitch processing
- Industry's most secure OCP 3.0 adapter solution leveraging Broadcom's BroadSAFE® technology to provide unparalleled platform security via Silicon Root of Trust
- New end-to-end congestion avoidance and management to anticipate and eliminate congestion before it happens
- Support for advanced networking technologies including RoCE, SDN, NFV and virtualization
- TruManage™ enhances server manageability and security for data center deployments



N-1160 Broadcom 1-Port **100G QSFP56** OCP 3.0 Network Adapter
Solution: BCM57504



100GbE QSFP56

Specifications

Ordering Code	N-1160
Description	Broadcom 1-Port 100G QSFP56 OCP 3.0 Network Adapter
Form Factor	OCP 3.0 SFF
Bus Width	PCIe 4.0 x16
OS Driver Support	Windows Server 2019/2022 Linux Kernel 2.6 or later
Connectors	1x QSFP56
Data Rates	100/50/40/25/10GbE
RoCEv2	Yes
TruFlow™	Yes
TruManage™	Yes
Dimension	131.81 x 84.6 x 15.1 mm
Operating Temperature	0 °C – 55 °C
Storage Temperature	-40 °C – 70 °C
EMC Standards	CE, FCC
Package Contents	1x Broadcom 1-Port 100G QSFP56 OCP 3.0 Network Adapter 1x User Manual

