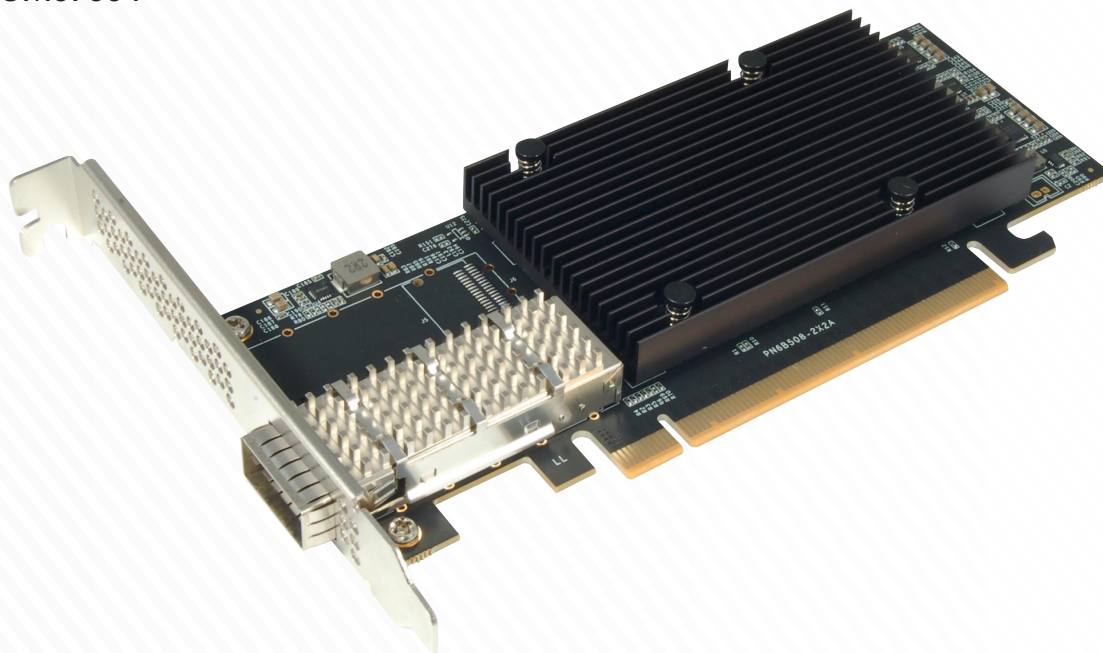


N-1190 Broadcom PCIe 1-Port 100G QSFP56 Network Adapter

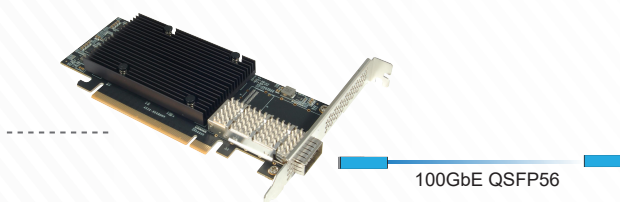
Solution: BCM57504



The N-1190 Broadcom PCIe 1-Port 100G QSFP56 PCIe 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.

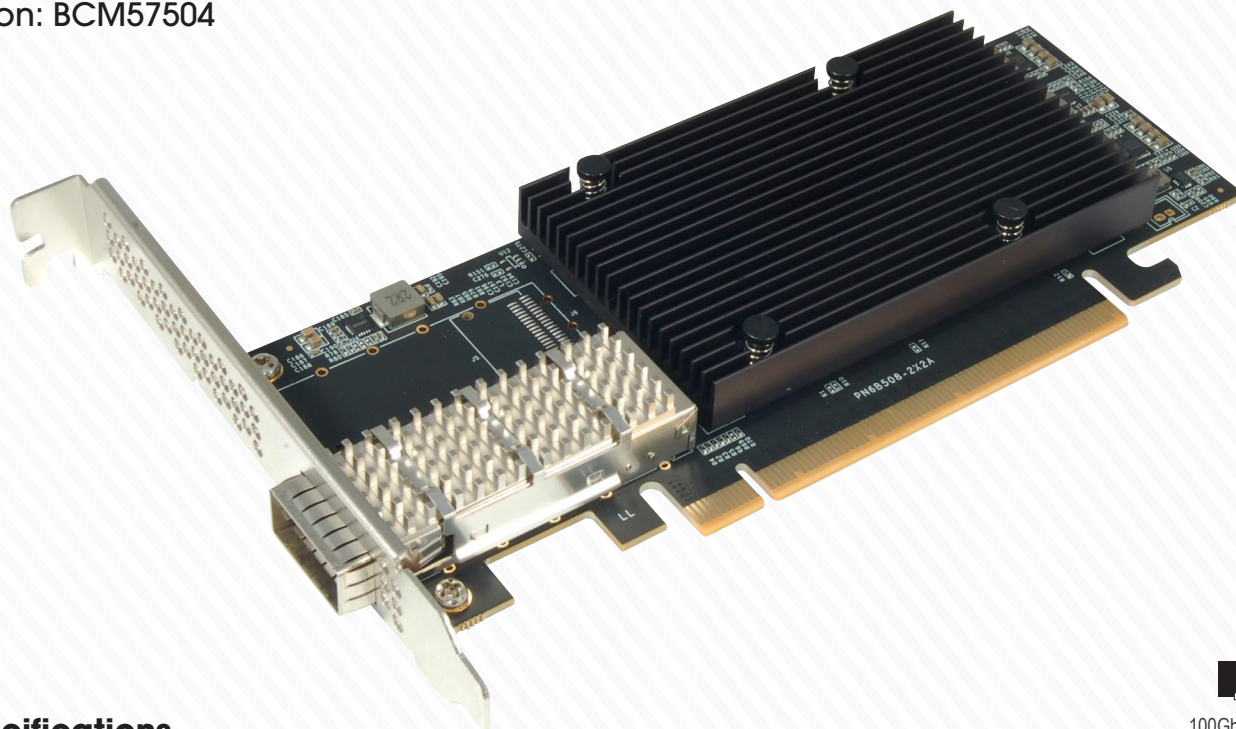
Features

- Standards-compliant 100/50/40/25/10G single-port QSFP56 PCIe network 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 PCIe network 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-1190 Broadcom PCIe 1-Port 100G QSFP56 Network Adapter

Solution: BCM57504



100GbE QSFP56

Specifications

Ordering Code	N-1190
Description	Broadcom PCIe 1-Port 100G QSFP56 Network Adapter
Form Factor	PCIe 4.0 x16
Bus Width	x16 lane PCI Express
OS Driver Support	CentOS, Debian, Microsoft Windows, Oracle Linux, Oracle Solaris, Red Hat Enterprise Linux, SUSE® Linux Enterprise Server, Ubuntu, VMware, VMware ESX, VMware vSphere, Windows Hyper-V, Windows Server
Connectors	1x QSFP56
Data Rates	100/50/40/25/10GbE
RoCEv2	Yes
TruFlow™	Yes
TruManage™	Yes
Dimension	180.33 x 120.92 x 21.59 mm
Operating Temperature	0 °C – 55 °C
Storage Temperature	-40 °C – 70 °C
EMC Standards	CE, FCC
Package Contents	1x Broadcom PCIe 1-Port 100G QSFP56 Network Adapter 1x User Manual

