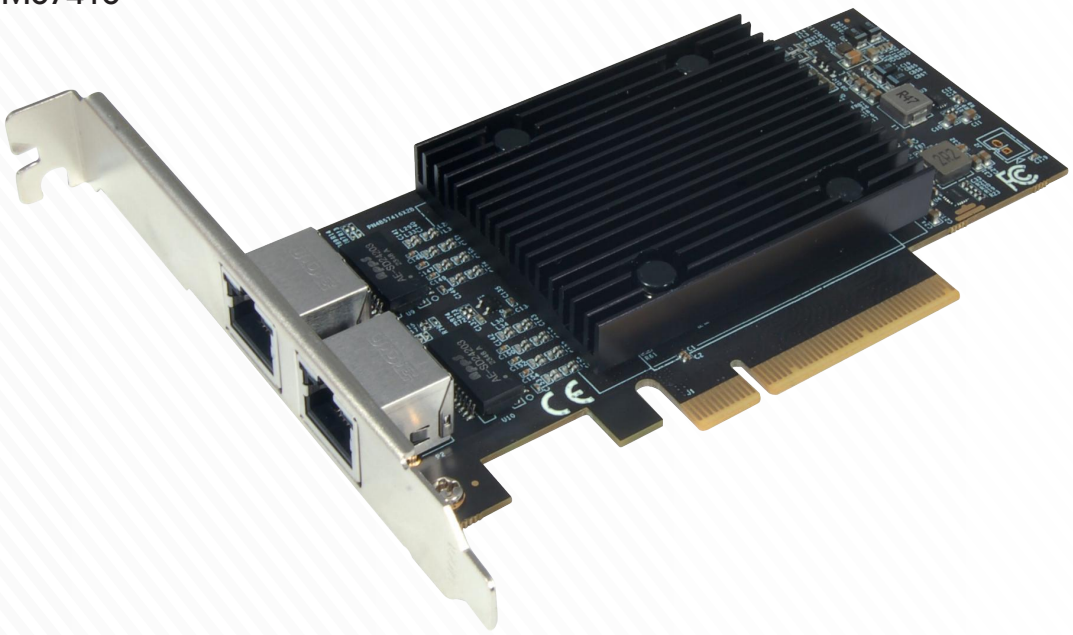
Broadcom PCIe 2-Port 10G Network Adapter

N-1070 Broadcom PCIe 2-Port 10G Network Adapter

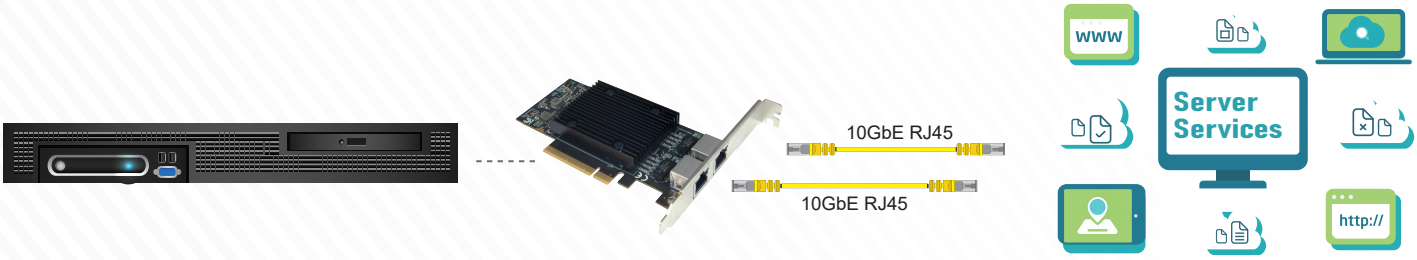
Solution: BCM57416



N-1070 Broadcom PCIe 2-Port 10G Network Adapter leverages market-leading hardware acceleration technologies that feature high throughput and advanced flow processing to meet the performance and service demands of mega-scale data center networks. Features such as TruFlow™ increase VM density up to 50 percent, freeing more CPU cycles for additional virtual machines. On-chip tunneling protocol processing for Geneve, VXLAN, and NVGRE provides up to a 5X throughput increase while lowering CPU utilization up to 90 percent compared to software-only solutions. N-1070 also supports advanced networking technologies such as RoCE, SDN and NFV, to facilitate the management of data networks and to enable service provider solutions.

Features

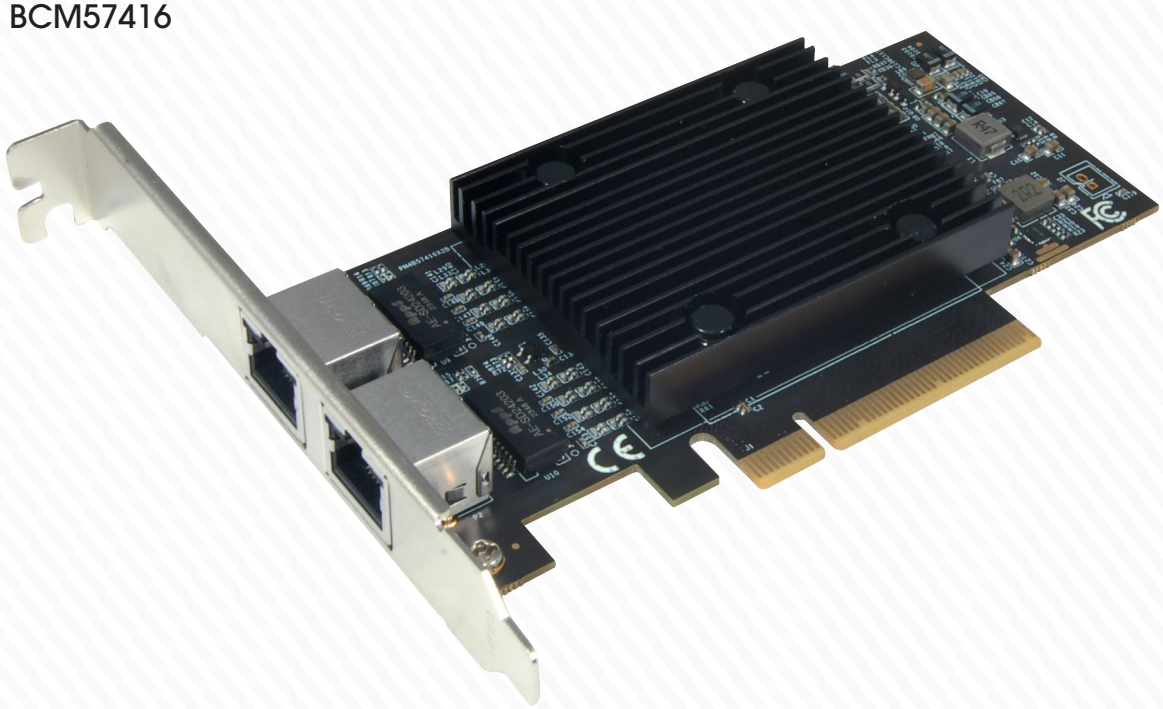
- Standards-compliant 10GBASE-T dual-port PCIe NIC with line-rate, full-duplex throughput
- NIC partitioning supporting 16 physical functions (PFs)
- TruFlow™ engine for intelligent flow processing to increase server VM density and accelerate vSwitch processing
- Industry's most secure PCIe NIC adapter 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



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2x 10GbE RJ45

Specifications

Ordering Code	**N-1070**
Description	**Broadcom PCIe 2-Port 10G Network Adapter**
Form Factor	PCIe 3.0 x8
Bus Width	x8 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	2x RJ45
Data Rates	10GbE / 1GbE
RoCEv2	Yes
TruFlow™	Yes
TruManage™	Yes
Dimensions	146.64 x 80.1 x 23.09 mm
Operating Temperature	0℃ – 55℃
Storage Temperature	-40℃ – 70℃
EMC Standards	CE, FCC
Package Contents	1x Broadcom PCIe 2-Port 10G Network Adapter 1x User Manual