Broadcom 2-Port 10G OCP 3.0 Network Adapter

N-1130 Broadcom 2-Port 10G OCP 3.0 Network Adapter

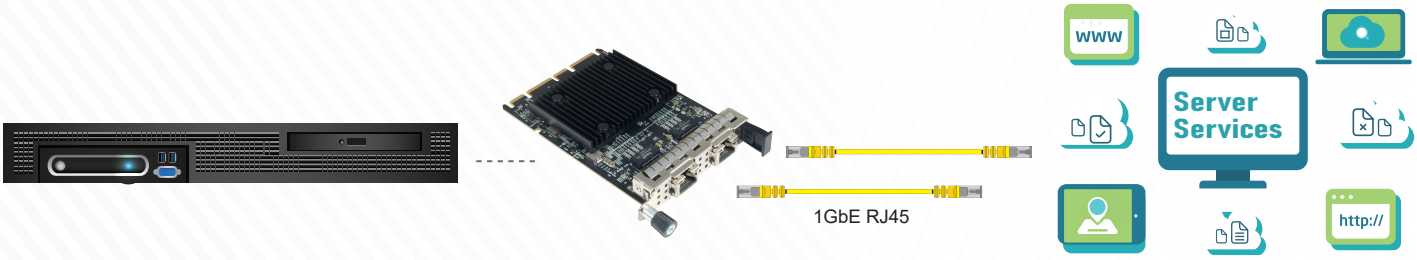
Solution: BCM57416



The N-1130 Broadcom 2-Port 10G OCP 3.0 Network Adapter is designed to build highly-scalable, feature-rich networking solutions in servers for enterprise and cloud-scale networking and storage applications, including high-performance computing, telco, machine learning, storage disaggregation, and data analytics. 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. This adapter 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 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 PCIe NIC 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-1130**
Description	**Broadcom 2-Port 10G OCP 3.0 Network Adapter**
Form Factor	OCP 3.0 SFF
Bus Width	PCIe 3.0 x8
OS Driver Support	Windows Server 2022/2025 Linux Kernel 2.6 or newer
Connectors	2x RJ45
Data Rates	10/1GbE
NPAR	Yes
RoCEv2	Yes
TruFlow™	Yes
TruManage™	Yes
Dimension	138.1 x 84.6 x 15.1 mm
Operating Temperature	0℃ – 55℃
Storage Temperature	-40℃ – 70℃
EMC Standards	CE, FCC
Package Contents	1x Broadcom 2-Port 10G OCP 3.0 Network Adapter 1x User Manual