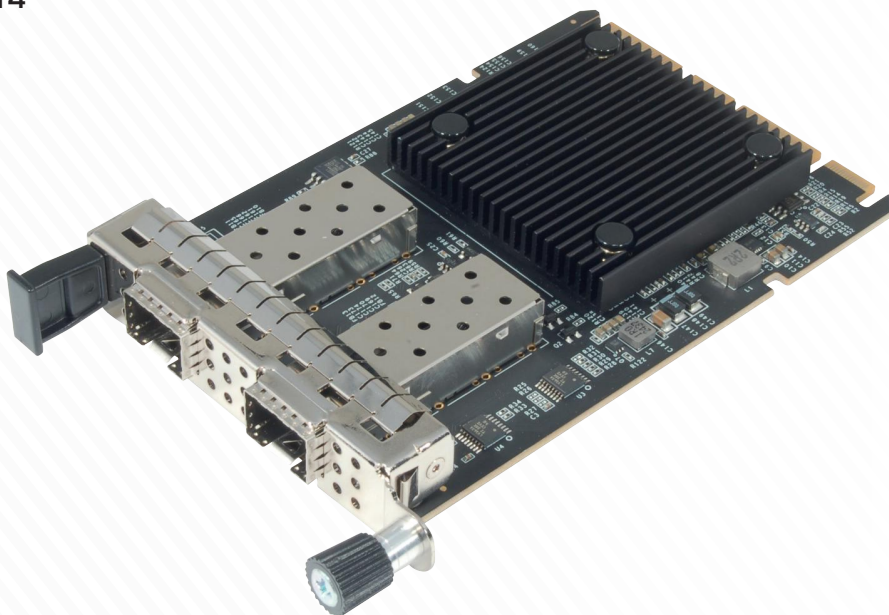


## N-1240 Broadcom 2-Port 25G SFP28 OCP 3.0 Network Adapter

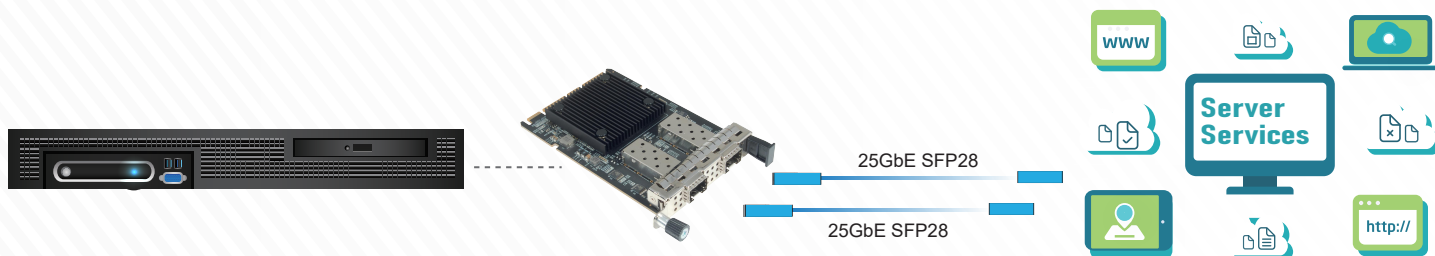
Solution: BCM57414



N-1240 Broadcom 2-Port 25G SFP28 OCP 3.0 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-1240 also supports advanced networking technologies such as RoCE, SDN and NFV, to facilitate the management of data networks and to enable service provider solutions.

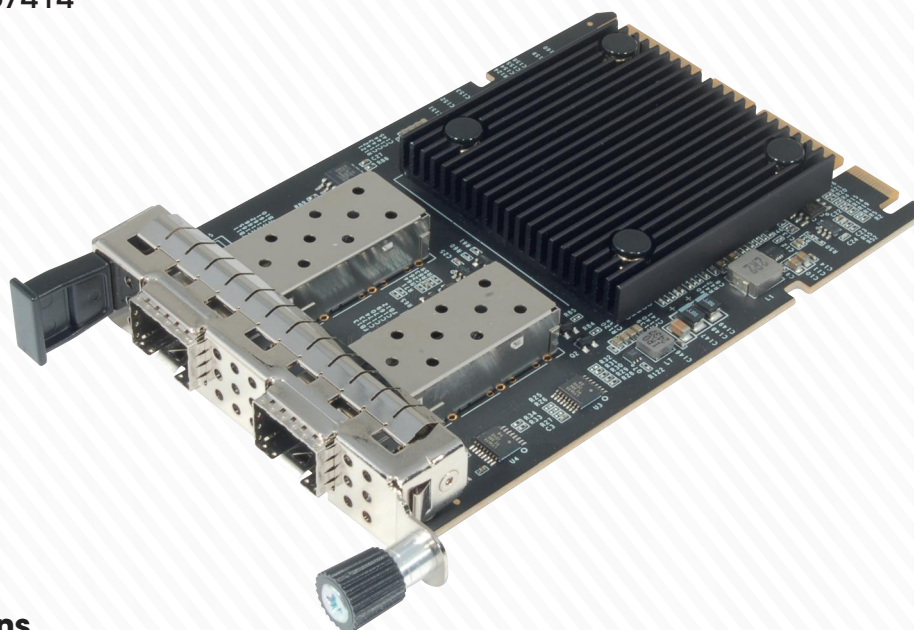
### Features

- Standards-compliant 25G dual-port SFP28 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 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-1240 Broadcom 2-Port 25G SFP28 OCP 3.0 Network Adapter

Solution: BCM57414



2x 25GbE SFP28

### Specifications

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Ordering Code         | N-1240                                                                                                |
| Description           | Broadcom 2-Port 25G SFP28 OCP 3.0 Network Adapter                                                     |
| Form Factor           | OCP 3.0 SFF                                                                                           |
| Bus Width             | PCIe 3.0 x8                                                                                           |
| OS Driver Support     | Windows Server 2022/2025<br>Linux kernel versions 2.6 or newer<br>VMware ESXi 7.0 or above<br>FreeBSD |
| Connectors            | 2x SFP28                                                                                              |
| Data Rates            | 25GbE / 10GbE / 1GbE                                                                                  |
| RoCEv2                | Yes                                                                                                   |
| TruFlow™              | Yes                                                                                                   |
| TruManage™            | Yes                                                                                                   |
| Dimensions            | 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 2-Port 25G SFP28 OCP 3.0 Network Adapter<br>1x User Manual                                |

