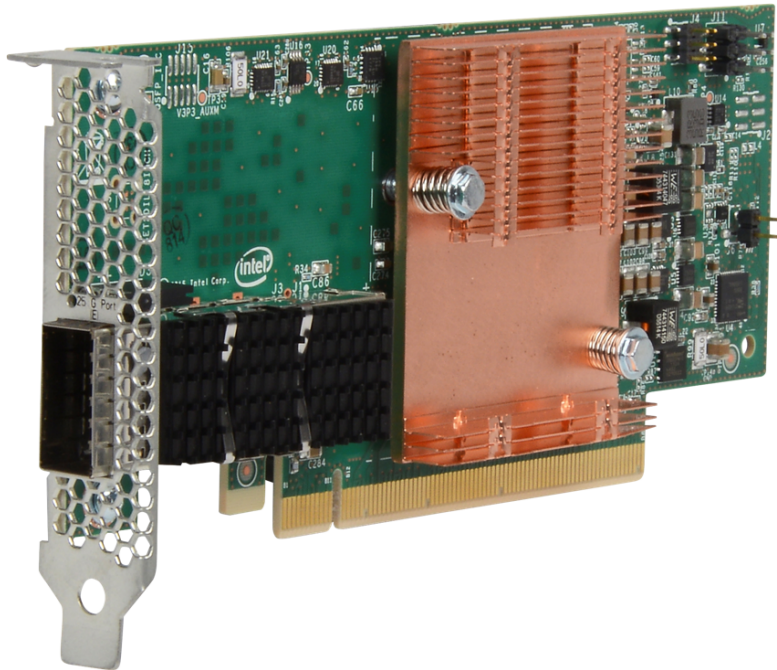


# HPE Adapters with Intel OPA

## HPE 100Gb 1-port OP101 QSFP28 x16 PCIe Gen3 with Intel Omni-Path Architecture Adapter (829335-B21)



### Overview

Are you looking for a 100Gb Intel® Omni-Path Adapters for your HPE ProLiant XL and DL Server families?

HPE 100Gb Intel Omni-Path Adapters are designed for customers who deploy High Performance Computing (HPC) systems with their HPE ProLiant XL and DL Server families in the data center. The HPE 100 Gb 1p OP101 QSFP28 x16 OPA Adapter is available today. It is a low-profile PCIe card that supports one QSFP28 port with 100 Gb/s performance. By managing the traffic at a fine-grain Flow Control Digits (FLITs) level, the adapters and switches are able to make extremely granular switching decisions to optimize the performance.

# Features

## HPE 100Gb Intel Omni-Path Adapter for HPE ProLiant XL and DL Servers

The HPE 100Gb Intel Omni-Path Adapters deliver up to 100 Gb/s bandwidth and a sub-microsecond low latency for high performance workloads.

The adapters use an advanced "on-load" design that delivers performance that scales with core count.

The adapters, along with Intel Omni-Path Switches, support advanced features for traffic flow optimization through fine-grain flow control and dynamic lane scaling that enable high resiliency, high performance and optimized traffic movement.

Technical specifications	HPE 100Gb 1-port OP101 QSFP28 x16 PCIe Gen3 with Intel Omni-Path Architecture Adapter
Product Number	829335-B21
Switches supported	Intel Omni-Path Switches
Network processor	Intel OP HFI ASIC
Data rate	100Gbps
Bus type	PCIe Gen3 x16 or x8
Form factor	Stand Up
Power	Typical - 7.4W Max - N/A
Server type supported	ProLiant servers
Compatible operating systems	Linux operating systems: RHEL: 7.2, SLES: 12.1, CentOS: 7.2, Scientific Linux: 7.2
Product dimensions	16.76 x 6.89 cm (low profile)
Weight	0.24 kg
Connector type	QSFP28
Supported cables	QSFP28 DAC

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Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

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