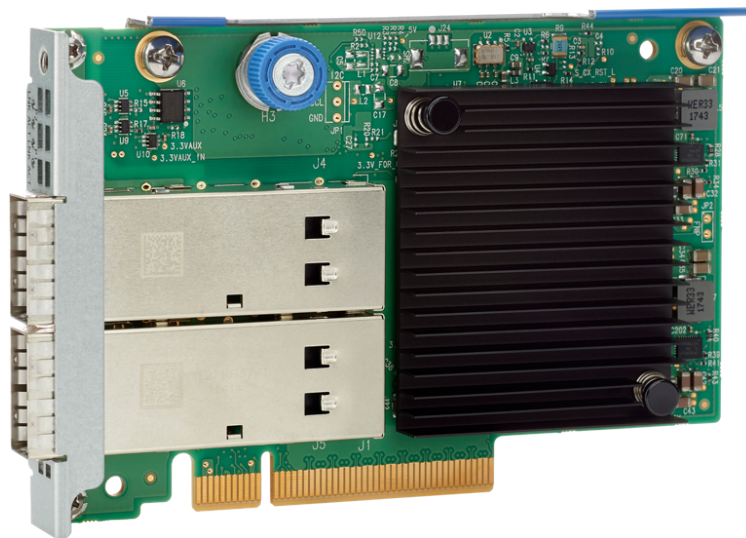


# HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter (879482-B21)



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## What's new

- Mellanox ConnectX-5 technology for Up to 50GbE and Higher Message Rate.

## Overview

Are you looking for an dual-function FDR InfiniBand and/or 40/50 GbE adapter for your HPE ProLiant XL and DL server families? The HPE InfiniBand FDR/EN Adapters are designed for customers who need low latency and high-bandwidth for high-performance computing (HPC) systems with their HPE ProLiant XL and DL server families in the data center. Based on Mellanox® ConnectX-3 PRO, Connect-IB and ConnectX-5 technology for scalability and fabric flexibility, the dual ported card can function as a dual-port FDR InfiniBand card, a dual-port Ethernet card, or a mixed function card. Combined with HPE FDR InfiniBand Switches or Ethernet Switches, they deliver low latency and up to 50 Gb/s bandwidth. Ideal for

performance-driven server and storage clustering applications in HPC and enterprise data centers.

## Features

### Dual-function FDR InfiniBand and 40/50 Gb Ethernet adapter for HPE ProLiant XL and DL Servers

The HPE InfiniBand FDR/EN 2-Port Adapters deliver up to 50 Gbps bandwidth and a sub-microsecond low latency for demanding, high performance computing (HPC) workloads.

The adapter includes offload engines that speeds communications by delivering a low CPU overhead for increasing throughput.

It provides the support of remote direct memory access (RDMA) over Converged Ethernet (RoCE) technology that enables efficient low-latency RDMA services over Layer 2 and Layer 3 networks.

## Technical specifications

### HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter

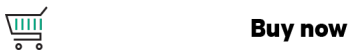
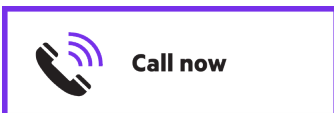
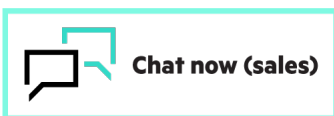
<b>Product Number</b>	879482-B21
<b>Technology</b>	Mellanox ConnectX-5
<b>Protocol supported</b>	56Gb/s FDR InfiniBand and/or 40/50 Gb/s Ethernet
<b>Port configurations</b>	2x QSFP Dual Function IB/Eth
<b>Connector speed</b>	PCIe 3.0 x8
<b>Switches supported</b>	Mellanox 56Gb/s FDR InfiniBand and/or HP 40/50 Gb/s Ethernet
<b>Form factor</b>	FlexibleLOM
<b>Product dimensions (metric)</b>	17.78 x 21.59 x 5.08 cm
<b>Weight</b>	0.57 kg
<b>Warranty</b>	Maximum: The remaining warranty of the HPE product in which it is installed to a maximum three-year, limited warranty. Minimum: One year limited warranty.



[For additional technical information, available models and options, please reference the QuickSpecs](#)

**Make the right purchase decision.  
Contact our presales specialists.**

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## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

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

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

[The Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

Explore **HPE GreenLake**

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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[PSN1010778575SEEN](#), April, 2024.