

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

Host Adapters



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

Product Number	879482-B21
Technology	Mellanox ConnectX-5
Protocol supported	56Gb/s FDR InfiniBand and/or 40/50 Gb/s Ethernet
Port configurations	2x QSFP Dual Function IB/Eth
Connector speed	PCIe 3.0 x8
Switches supported	Mellanox 56Gb/s FDR InfiniBand and/or HP 40/50 Gb/s Ethernet
Form factor	FlexibleLOM
Product Dimensions (metric)	17.78 x 21.59 x 5.08 cm
Weight	0.57 kg
Warranty	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](#)

HPE Pointnext Services

HPE Pointnext Services brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

HPE Pointnext Tech Care provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- GreenLake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

HPE Education Services delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

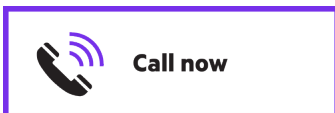
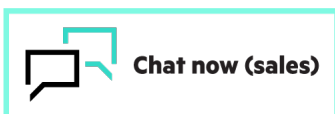
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HPE GreenLake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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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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