Hewlett Packard Enterprise

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 (SKU)	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.

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

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 Datacenter Care** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.

- **HPE Proactive Care** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). Read more

- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

Other related services

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

HPE Service Credits offers a menu of technical services, access additional resources, and specialist skills.

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.

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