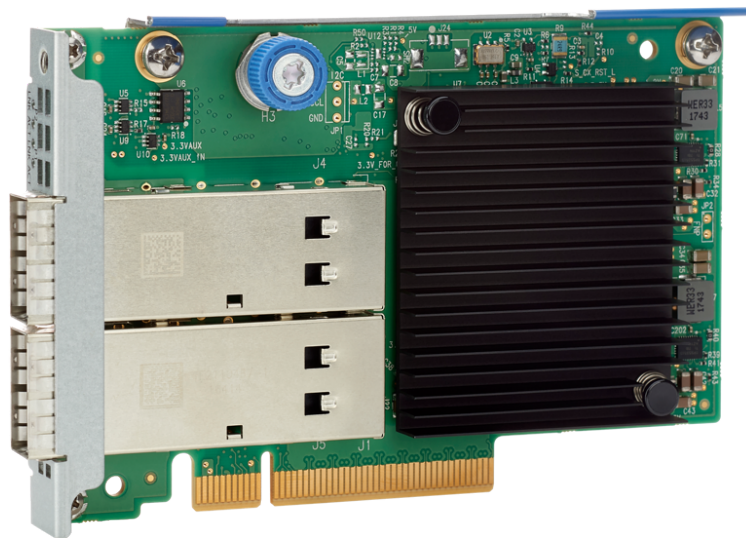


HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter (879482-B21)



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

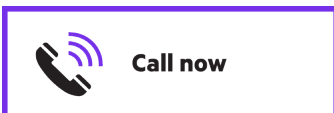
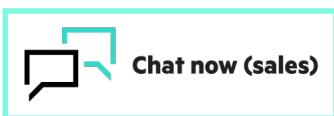
| | |
|------------------------------------|---|
| Product Number | 879482-B21 |
| Technology | Mellanox ConnectX-5 |
| Protocol supported | 56Gb/s FDR InfiniBand and/or 40/50 Gb/s Ethernet |
| Port configurations | 2x QSFP Dual Function IB/Eth |
| Connector speed | PCIe 3.0 x8 |
| Switches supported | 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](#)

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Contact our presales specialists.**

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Enterprise**

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

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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](#).

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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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Image may differ from the actual product
[PSN1010778575HKEN](#), February, 2024.