

HPE ETHERNET 10/25GB 2-PORT SFP28 MCX4121A-ACUT ADAPTER

Host Adapters

OVERVIEW

Stuck in network traffic at 10Gbps? Time to take the Express Lane with HPE 25GbE Adapters. Current approaches to managing the increasing data center traffic require higher bandwidth and is cost prohibitive, restricting organizations from easily growing as their needs grow. Legacy technologies are struggling to handle the increased throughput and lack the capabilities to cost-effectively scale. For the rise in volume of mobile data and video and the frequency at which it is accessed, The HPE Ethernet 10/25Gb 2-port SFP28 CX4121B Adapter for select HPE ProLiant Server DL family of rack and HPE Apollo Servers delivers high-performance solutions. It allows Telco, services providers, financial institutions and enterprises to meet the demanding needs of more bandwidth.

FEATURES

More Efficient and Faster Way to Send Data with RDMA Over Converged Ethernet (RoCE)

The HPE Ethernet 10/25Gb 2-port SFP28 CX4121B Adapter bypasses the TCP/IP stack and removes a data copy step reducing overall latency to deliver accelerated performance for applications such as Microsoft® Hyper-V® Live Migration, Microsoft SQL® and Microsoft SharePoint with SMB Direct.

Reduces the impact of overlay networking on host performance with tunnel

offload support.

Auto negotiates to 10GbE for immediate future proofing.

Lower Latency and Higher Throughput With Messaging Accelerator (VMA)

The HPE Ethernet 10/25Gb 2-port SFP28 CX4121B Adapter reduces system latency for improved performance specifically for high-frequency trading operations while maintaining high message rates and hundreds of simultaneous connections.

Contains VMA, an included firmware with many benefits such as lower latency, higher throughput, improved CPU utilization and minimal buffer copies between user data and hardware.

Technical specifications

HPE Ethernet 10/25Gb 2-port SFP28 MCX4121A-ACUT Adapter

Technology	Network processor
Data rate	25Gb
Bus type	PCIe Gen3 x8



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

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[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.

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- Integrate and migrate
- Operate and improve
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- 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.

HPE GREENLAKE

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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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[PSN1009011735NLEN](#), July, 2022.