HPE Ethernet 10/25Gb 2-port 640SFP28 Adapter (817753-B21)

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 640SFP28 Adapter for select HPE ProLiant Gen9 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 25Gb 2-port 640 SFP28 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 25Gb 2-port 640 SFP28 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.

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes – Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.
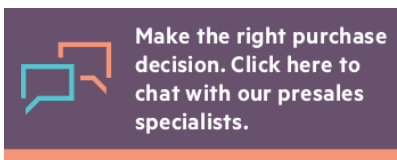
Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalise deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.

- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.

- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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