



# MELLANOX MCX512F- A8T ETHERNET 10/25GB 2-PORT SFP28 ADAPTER FOR HPE (P13188-B21)

## Host Adapters



## WHAT'S NEW

- Introducing the Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE (P41614-B21)

## OVERVIEW

Is your data center constantly challenged to deliver increased security and reliability in a cost-effective and scalable solution for your network bandwidth?

The HPE Gen10 Plus Ethernet Adapters are 1 Gb, 10 Gb, 10/25 Gb, 100 Gb, and 200 Gb Ethernet solutions that are scalable and compatible with HPE Gen10 Plus servers for hybrid cloud services, mobile data, and streaming video applications.

Your server is the foundation of your data center, but it doesn't work alone. When one link in your component chain slows down, so does the rest of your operation. Keep your network and data flowing with a seamless ecosystem of Hewlett Packard Enterprise servers, networking adapters, transceivers, cables, and switches.

## FEATURES

### Better Performance

HPE Gen10 Plus Ethernet Adapters are engineered for an assortment of bandwidths and latency sensitive applications.

Reduces CPU utilization with support for a variety of I/O offloads including RDMA and Tunneling.

### Reliability and Security

HPE Gen10 Plus Ethernet Adapters authenticate updates for NICs that signed firmware is correct and trusted to reduce rogue firmware installation.

Protect applications, data, and server infrastructure by authenticating digitally-signed firmware via a root of trust architecture.

## Technical specifications

## Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

<b>Product Number (SKU)</b>	P13188-B21
<b>Data rate</b>	10/25 Gb
<b>Bus type</b>	PCIe Gen3x16
<b>Form factor</b>	Stand up



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.



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

## HPE GREENLAKE

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.

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.

Image may differ from the actual product  
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