

# HPE Synergy 6410C 25/50Gb Ethernet Adapter



## Overview

Do you want low latency and consistency for your data center? The HPE Synergy 6410C 25/50Gb Ethernet Adapter is ideal for telcos, cloud service providers, financial and e-Commerce customers as it provides both fast transmission and device processing. This adapter provides low latency for the businesses that need data transactions to cross immediately, where every second of delay could impact your business' bottom line. Pairing the HPE Synergy 6410C Adapter with the HPE SH2200 25/50/100Gb Ethernet Switch ensures no disruption between the server and switch giving you end to end high performance network capability.

## Features

### **Invest in Speeds to Meet Customer Expectations Today and Tomorrow**

The HPE Synergy 6410C 25/50Gb Ethernet Adapter improves small packet performance with data plane development kit (DPDK) for Telco, e-commerce and high performance computing (HPC) so transactions cross with little to no delay.

Reduces CPU utilization and helps improve host VM density and server efficiency using remote direct memory access (RDMA) over Converged Ethernet (RoCEv2) for live migration and Microsoft® SMB Direct environments.

### **Reduce CapEx and CPU Utilization**

The HPE Synergy 6410C 25/50Gb Ethernet Adapter lessens the total cost of ownership (TCO) and capital expenditure (CapEx) by providing the 25/50Gb connectivity of today and tomorrow compared to 10/20Gb connectivity that may not provide the support for tomorrow.

Offloads packet processing to reduce CPU utilization and lower power with tunnel offloads (VXLAN and NVGRE) making the environment more efficient.

### **Protect Your Data and Your Business Network**

The HPE Synergy 6410C 25/50Gb Ethernet Adapter provides traceability into authenticated firmware updates by capturing changes in standard system logs keeping you current on the latest security status.

Stops unmanaged access to memory or storage with device - level firewall. This validates that on-device firmware and configuration data can only be accessed by authorized agents.



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

## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

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

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

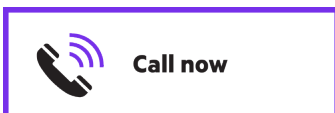
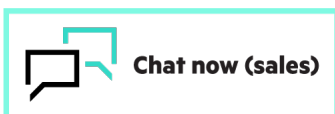
## HPE GreenLake

[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](#).

**Make the right purchase decision.**  
Contact our presales specialists.

[Call for availability](#)



 **Share now**

 **Get updates**

Explore **HPE GreenLake**

  
**Hewlett Packard  
Enterprise**

© Copyright 2023 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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  
[PSN1010504144ROEN](#), December, 2023.