



HPE ETHERNET 10GB 2-PORT X550-AT2 ADAPTER

Host Adapters

OVERVIEW

Are you looking for a simple way to migrate to 10G high performance data center with low cost and low power in your data center? The HPE Ethernet 10Gb 2-port X550-AT2 Adapter deliver high performance and low latency for Ethernet traffic to and from the server with minimal CPU resources required. Processing of I/O packets on the adapter frees up CPU to do other more important tasks. For environments such as Telco/NFV, high-performance computing (HPC) and ecommerce that deal with large volumes of small packet traffic, these adapters accelerate small packet processing by bypassing processing in the host O/S kernel.

FEATURES

Improve Application Performance

The HPE Ethernet 10Gb 2-port X550-AT2 Adapter offload packet processing to reduce CPU utilization with tunnel offloads (VXLAN and NVGRE). Now you can distribute network traffic across CPU cores in your data center.

Speeds up packet processing to service more I/O requests utilizing data plane development packet (DPDK).

Increase I/O Bandwidth for Workload Intensive Applications

The HPE Ethernet 10Gb 2-port X550-AT2 Adapter deliver single root I/O virtualization (SR-IOV) which increases virtual network performance while decreasing CPU utilization.

Provides a seamless performance upgrade from 1GBASE-T to 10GBASE-T with

backward compatibility.

Technical specifications

HPE Ethernet 10Gb 2-port X550-AT2 Adapter

Data rate

10Gb

Bus type

PCIe Gen3 x4



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

HPE POINTNEXT SERVICES

[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.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- 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

[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.

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