HPE GreenLake

HPE Ethernet 10Gb 2-port X550-AT2 Adapter

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

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.

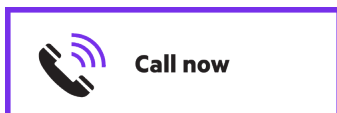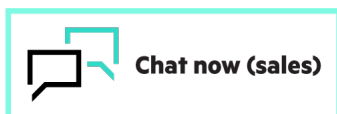# HPE GreenLake

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.

Explore **HPE GreenLake**

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Contact our presales specialists.**

Call for availability

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