



# **HPE ETHERNET 10GB 2- PORT FLR-T X550-AT2 ADAPTER (817745-B21)**

## **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 FLR-T X550-AT2 Adapter

<b>Product Number</b>	817745-B21
<b>Data rate</b>	10Gb
<b>Bus type</b>	PCIe Gen3 x4



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

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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.

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