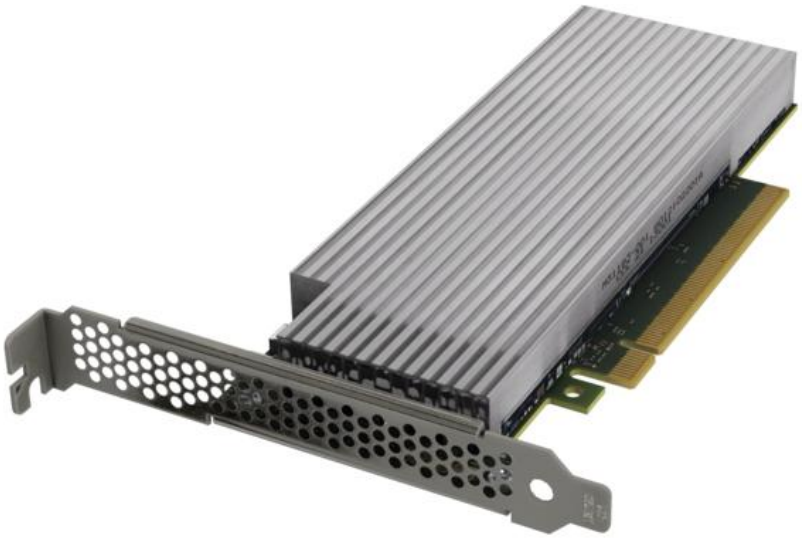
Intel Accelerators for HPE

Computational and Graphics Accelerators for Servers



What's new

- Intel FPGA Programmable Acceleration Card D5005 offers high performance and throughput with workload-specific acceleration.

Overview

Does your data center need to increase productivity, optimize Total Cost of Ownership (TCO), and improve ROI?
Intel® Field Programmable Gate Array (FPGA) accelerators can help facilitate many of the core data center workloads that process the growing volume of data that our hyperconnected world creates. They can be reprogrammed in a fraction of a second with a data path that exactly matches your workloads such as data analytics and financial algorithm testing. This versatility results in a higher performing, more power efficient, and well-utilized data center – lowering your total cost of ownership (TCO). Intel's FPGAs provide flexibility and can connect directly to processors, memories, networks, and numerous other interfaces. Traditionally, FPGAs require deep domain expertise to program, but the Intel Acceleration Stack simplifies the development flow, and enables rapid deployment

across the data center.

Features

Increase Productivity

Intel FPGA accelerators provide faster time to solution with their ability to accelerate specific workloads, such as database queries, Big Data analytics, and financial services industry (FSI) back-testing simulations.

Eliminate in-house application development and maintenance with the availability of third party solutions, allowing users to focus on problem solving and innovation instead of programming.

Improve ROI

Intel FPGA accelerators extends the service life of existing servers by increasing their performance and their ability to handle new workloads over longer periods of time.

Intel FPGA PAC cards can switch between programs in real time, allowing acceleration of many different workloads with one card.

Optimize TCO

Intel FPGAs provides workload acceleration while offering excellent power efficiency.

Intel FPGA lowers CAPEX spending for upgrades since they are reprogrammable and can be easily upgraded with new algorithms for enhanced performance, to comply with new standards, or to offer new functionality.

Technical specifications

Intel Accelerators for HPE

System	Supported Servers for Intel® Arria 10 GX FPGA Accelerator: HPE ProLiant DL360 Gen10 HPE ProLiant DL380 Gen10 Supported Servers for Intel FPGA PAC D5005 Accelerator: HPE ProLiant DL380 Gen10 HPE Edgeline EL8000

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.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Explore **HPE GreenLake**

Make the right purchase decision. Contact our presales specialists.

Call for availability

Chat now (sales)

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Hewlett Packard Enterprise