

# AMD Instinct MI210 PCIe Accelerator for HPE (R6V51A)



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## What's new

- AMD Instinct MI210 accelerators are engineered from the ground up for the era of exascale computing, supercharging HPC and AI workloads to propel new discoveries.

## Overview

AMD accelerators offer exceptional compute performance and performance-per-watt to help accelerate machine intelligence and HPC workflows (Instinct) found in academic and government clusters, oil and gas industries, and deep neural networks.

## Features

### **AMD Instinct for Superior Training Accelerator for Machine Intelligence and Deep Learning**

True heterogeneous solution designs for HPC. Accelerate your discovery with fast, accurate performance powered by system designs that scale to today's HPC workload requirements efficiently by providing true heterogeneous compute.

**Technical specifications****AMD Instinct MI210 PCIe Accelerator for HPE**

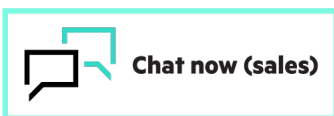
<b>Product Number</b>	R6V51A
<b>Platform supported</b>	HPE Apollo/Integrity/SGI
<b>Peak double precision performance</b>	NA
<b>Peak single precision performance</b>	45 TFlops
<b>Number of accelerators per card</b>	1
<b>Memory size per board</b>	64GB HBM2e
<b>Memory bandwidth for board</b>	Up to 1.6 TB/s
<b>Accelerator applications</b>	HPC applications
<b>Architecture features</b>	AMD Instinct MI210 accelerators supercharge AI and HPC workloads with their purpose-built AMD CDNA architecture providing powerful compute, high bandwidth memory and I/O including expanded topology capabilities. And the ROCm open ecosystem environment enables giving developers the choice to code once and use it everywhere. Delivering the open path to exascale.
<b>System</b>	HPE Apollo 6500 XL675d Gen10 Plus HPE Apollo 6500 XL645d Gen10 Plus
<b>Product dimensions</b>	24.13 x 19.68 x 9.53 cm
<b>Weight</b>	0.68 kg



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

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

[Call for availability](#)



## 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

**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 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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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.

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Image may differ from the actual product  
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