



AMD INSTINCT MI100 PCIE GRAPHICS ACCELERATOR FOR HPE (R4W72C)

Computational and Graphics Accelerators for Servers



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 MI100 PCIe Graphics Accelerator for HPE

Product Number	R4W72C
Peak Double Precision Performance	NA
Peak Single Precision Performance	32 TFlops
Number of accelerators per card	1
Cores	7680
Memory size per board	32 GB HBM2
Memory bandwidth for board	Up to 1.2 TB/s
Accelerator applications	HPC applications
Architecture features	AMD Instinct™ MI100 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.
System	HPE ProLiant Rack/Tower/BladeSystem Servers/Synergy
Product Dimensions (metric)	24.13 x 19.68 x 9.53 cm
Weight	0.68 kg



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.

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- Advise, design, and transform
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- 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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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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