



# AMD INSTINCT MI100 PCIE GRAPHICS ACCELERATOR FOR HPE (R4W72C)

## Computational and Graphics Accelerators for Servers



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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 MI100 PCIe Graphics Accelerator for HPE

<b>Product Number</b>	R4W72C
<b>Peak Double Precision Performance</b>	NA
<b>Peak Single Precision Performance</b>	32 TFlops
<b>Number of accelerators per card</b>	1
<b>Cores</b>	7680
<b>Memory size per board</b>	32 GB HBM2
<b>Memory bandwidth for board</b>	Up to 1.2 TB/s
<b>Accelerator applications</b>	HPC applications
<b>Architecture features</b>	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.
<b>System</b>	HPE ProLiant Rack/Tower/BladeSystem Servers/Synergy
<b>Product Dimensions (metric)</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](#)

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- 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.

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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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