

Overview

AMD Accelerators for HPE ProLiant Servers

Hewlett Packard Enterprise supports, on select HPE ProLiant servers, computational accelerator modules based on AMD® Graphical Processing Unit (GPU) technology.

AMD server graphics and accelerators offer exceptional compute performance handling of a variety of workloads. Instinct™ accelerators provides the performance to support high performance compute workloads and industry leading frameworks like TensorFlow, Caffe, PyTorch and others for machine intelligence.

AMD Accelerators Models

AMD Instinct MI100 PCIe Graphics Accelerator for HPE

R4W72A

AMD Radeon Instinct MI100 PCIe Graphics Accelerator for HPE

R4W72C

Notes: Please see the [HPE ProLiant server QuickSpecs](#) for the following servers for configuration rules, including requirements for enablement kits for xl675d Gen10 Plus and the HPE ProLiant DL385 Gen10 Plus

Standard Features

Description	AMD Instinct MI100 GPU Module for HPE						
SKU	R4W72A/ R4W72C						
Performance	46.1 TF SP						
Memory Size	32GB HBM2						
Memory Bandwidth	Up to 1.2 TB/s						
Cores	7680						
GPU Peer to Peer	PCIe Gen4						
Power	300W						
Supported Servers and Operating Systems							
Supported Servers	CPU	RHEL Enterprise	SLES Enterprise	Ubuntu Community	Windows Enterprise	VMware ESXi	Citrix XenServer
HPE Apollo 6500 – XL645d Gen10 Plus	AMD Rome	8.2	SLES15 SP2	20.04	--	--	--
HPE Apollo 6500 – XL675d Gen10 Plus	AMD Rome	8.2	SLES15 SP1	19.1	--	--	--
HPE ProLiant DL385 Gen10 Plus	AMD Milan	7.8	SLES15 SP1	--	--	--	--



Service and Support

HPE Pointnext - Service and Support

Get the most from your HPE Products. Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services** focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Professional** and **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

Consume IT on your terms

HPE GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Managed services to run your IT operations

HPE GreenLake Management Services provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

Recommended Services

HPE Pointnext Tech Care.

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Pointnext Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2 hour response time. Essential which provides a 15 minute response time 24x7 for most enterprise level customers, and Critical which includes a 6 hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

HPE Pointnext Complete Care

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 Pointnext Complete Care provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/completecure>



Standard Features

If this is a qualified option, it is covered under the HPE Support Service(s) applied to the HPE ProLiant Server. Please check HPE ProLiant Server documentation for more details on the services for this particular option.

Warranty and Support Services

Warranty and Support Services will extend to include HPE options configured with your server or storage device. The price of support service is not impacted by configuration details. HPE sourced options that are compatible with your product will be covered under your server support at the same level of coverage allowing you to upgrade freely. Installation for HPE options is available as needed. To keep support costs low for everyone, some high value options will require additional support. Additional support is only required on select high value workload accelerators, fibre switches, InfiniBand and UPS batteries over 12KVA.

Protect your business beyond warranty with HPE Support Services

HPE Pointnext provides a comprehensive portfolio including Advisory and Transformational, Professional, and Operational Services to help accelerate your digital transformation. From the onset of your transformation journey, Advisory and Transformational Services focus on designing the transformation and creating a solution roadmap. Professional Services specializes in creative configurations with flawless and on-time implementation, and on-budget execution. Finally, operational services provides innovative new approaches like Flexible Capacity and Complete Care, to keep your business at peak performance. Hewlett Packard Enterprise is ready to bring together all the pieces of the puzzle for you, with an eye on the future, and make the complex simple.

Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

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 QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

HPE Support Center

The HPE Support Center is a personalized online support portal with access to information, tools and experts to support HPE business products. Submit support cases online, chat with HPE experts, access support resources or collaborate with peers.

Learn more <http://www.hpe.com/support/hpesc>

HPE's Support Center Mobile App* allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalize IT support anywhere, anytime.

HPE Insight Remote Support and HPE Support Center are available at no additional cost with a HPE warranty, HPE Support Service or HPE contractual support agreement.

Notes: *HPE Support Center Mobile App is subject to local availability.

For more information

Visit the Hewlett Packard Enterprise Service and Support [website](#).



Summary of Changes

Date	Version History	Action	Description of Change
15-Nov-2021	Version 17	Changed	Service and Support section was updated.
07-Jun-2021	Version 16	Changed	Overview section was updated. Cancelled SKU was removed.
06-Apr-2021	Version 15	Changed	Added DL385 Gen 10 Plus
14-Dec-2020	Version 14	Changed	Overview and Standard Features sections were updated
07-Dec-2020	Version 13	Changed	Overview and Standard Features sections were updated
02-Dec-2019	Version 12	Changed	Overview and Standard Features sections were updated
03-Dec-2018	Version 11	Changed	Added WX4100, OS and Server supported updated throughout document
15-Oct-2018	Version 10	Changed	Overview and Standard Features sections were updated.
01-Oct-2018	Version 9	Changed	Product Name was changed from "AMD FirePro Accelerators for HPE ProLiant Servers" to "AMD Accelerators for HPE ProLiant Servers". Overview, Models, Standard Features and Service and Support section were updated. Added v340
02-Apr-2018	Version 8	Changed	All sections were updated. Added WX7100
04-Dec-2017	Version 7	Changed	Accelerator SKU was added
23-Oct-2017	Version 6	Changed	Care Pack naming and Service and Support- Parts and Materials updated.
25-Sep-2017	Version 5	Changed	All sections were updated
15-Aug-2016	Version 4	Changed	All sections were updated Added FirePro S7150x2
31-Mar-2016	Version 3	Changed	All sections were updated
03-Feb-2015	Version 2	Changed	Information about FirePro W7100 was updated
09-Sep-2014	Version 1	New	New QuickSpecs



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