

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 MI210 PCIe Accelerator for HPE

R6V51A

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	--	--	--	--

Description	AMD Instinct MI210 PCIe Accelerator for HPE						
AMD Instinct MI210 PCIe Accelerator for HPE	R6V51A						
Performance	45 TF SP						
Memory Size	64GB HBM2e						
Memory Bandwidth	Up to 1.6 TB/s						
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 Milan	8.4	SLES15 SP3	20.04	--	--	--
HPE Apollo 6500 – XL675d Gen10 Plus	AMD Milan	8.4	SLES15 SP3	20.04	--	--	--



Service and Support

HPE Services

No matter where you are in your digital transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

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No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

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HPE Managed Services

HPE runs your IT operations, providing 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.

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Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

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HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service 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/completecare>

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service 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 Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service 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>



Service and Support

HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:

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

For a list of the most frequently purchased services using service credits, see the [HPE Service Credits Menu](#)

Other Related Services from HPE Services:

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. 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.

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

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

Parts and Materials

HPE 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 quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

How to Purchase Services

Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find services at <https://ssc.hpe.com/portal/site/ssc/>



Service and Support

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.

<https://support.hpe.com/hpesc/public/home/signin>

Consume IT On Your Terms

HPE GreenLake edge-to-cloud platform 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 edge-to-cloud platform 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

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE"

<https://www.hpe.com/us/en/contact-hpe.html>

For more information

<http://www.hpe.com/services>



Summary of Changes

Date	Version History	Action	Description of Change
08-Jan-2024	Version 19	Changed	HPE Services Rebranding
04-Apr-2022	Version 18	Changed	Standard Features section was updated
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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c04447905 - 15097 - Worldwide - V19 - 08-January-2024