

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. Radeon Instinct and AMD FirePro™ provide the general purpose compute needs in academic, government, energy, life science, and financial industries. Radeon™ Pro WX graphics accelerators delivers advanced visualization and workstation workflows. Radeon 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

HPE AMD Radeon Pro WX4100 Graphics Accelerator	Q1K36A
HPE AMD Radeon Pro WX4100 Graphics Accelerator	Q1K36C
HPE AMD Radeon Pro WX7100 Graphics Accelerator	Q1K37A
HPE AMD Radeon Instinct MI25 Graphics Accelerator	Q1K38A
HPE AMD Radeon Instinct MI25 Graphics Accelerator	Q1K38C
HPE AMD Radeon Pro WX2100 Graphics Accelerator	Q1P47A
HPE AMD Radeon Pro WX2100 Graphics Accelerator	Q1P47C
HPE AMD FirePro S7150x2 Accelerator Kit	M3X68A

NOTE: Please see the HPE ProLiant server QuickSpecs for the following servers for configuration rules, including requirements for enablement kits. DL380 Gen9/10, DL385 Gen10, EL4000 (m710x), ML110 Gen10, ML30 Gen9/10, MicroServer Gen10, xl190r Gen9, xl270d Gen9/10 XL250a Gen9.

Standard Features

Description	HPE AMD Radeon Pro WX4100 Graphics Accelerator						
SKU	Q1K36A Q1K36C						
Performance	2.4 TF SP						
Memory Size	4GB GDDR5						
Memory Bandwidth	96 GB/s						
Cores	1024						
GPU Peer to Peer	PCIe Gen3						
Power	50W						
	Supported Servers and Operating Systems						
Q1K36A Supported Servers	CPU*	RHEL Enterprise	SLES Enterprise	Ubuntu Community	Windows Enterprise	VMware ESXi	Citrix XenServer
HPE Edgeline EL4000 m710x	1 st Gen	NA	NA	NA	Win 7 Win 10	NA	NA
Q1K36C Supported Servers							
HPE ProLiant ML30 Gen10	Xeon E	7.4	12.3	NA	Win 16	NA	NA

NOTE: * CPU Type

1st Gen = 1st Gen Intel Xeon Scalable Processor

2nd Gen = 2nd Gen Intel Xeon Scalable Processor

Description	HPE AMD Radeon Pro WX7100 Graphics Accelerator						
SKU	Q1K37A Q1K37C						
Performance	356 GF DP 5.73 TF SP						
Memory Size	8GB GDDR5 Memory						
Memory Bandwidth	224GB/s						
Cores	1792						
GPU Peer to Peer	PCIe Gen3						
Power	130W						
	Supported Servers and Operating Systems						
Q1K37C Supported Servers	CPU*	RHEL Enterprise	SLES Enterprise	Ubuntu Community	Windows Enterprise	VMware ESXi	Citrix XenServer
HPE ProLiant DL380 Gen10	1 st Gen	7.4	12 SP3	NA	NA	NA	NA
HPE ProLiant DL385 Gen10	EPYC	7.4	NA	NA	NA	NA	NA

Standard Features

Description	HPE AMD Radeon Instinct MI25 Graphics Accelerator						
SKU	Q1K38A Q1K38C						
Performance	768 GF DP 12.3TF SP						
Memory Size	16GB HBM2 Memory						
Memory Bandwidth	484GB/s						
Cores	4096						
GPU Peer to Peer	PCIe Gen3						
Power	300W						
Supported Servers and Operating Systems							
Q1K38A Supported Servers	CPU *	RHEL Enterprise	SLES Enterprise	Ubuntu Community	Windows Enterprise	VMware ESXi	Citrix XenServer
HPE ProLiant DL380 Gen10	1 st Gen	NA	NA	16.04	NA	NA	NA
HPE ProLiant DL385 Gen10	EPYC	7.4	NA	16.04	NA	NA	NA
HPE Apollo 6500 – XL270d Gen10	1 st Gen	7.4	NA	16.04	NA	NA	NA
HPE ProLiant DL380 Gen10	2 nd Gen	7.6	15	NA	NA	NA	NA

Description	HPE AMD Radeon Pro WX2100 Graphics Accelerator						
SKU	Q1P47A Q1P47C						
Performance	78 GF DP 1.25TF SP						
Memory Size	2GB GDDR5						
Memory Bandwidth	48GB/s						
Cores	512						
GPU Peer to Peer	PCIe Gen3						
Power	35W						
Supported Servers and Operating Systems							
Q1P47C Supported Servers	CPU *	RHEL Enterprise	SLES Enterprise	Ubuntu Community	Windows Enterprise	VMware ESXi	Citrix XenServer
HPE ProLiant ML110 Gen10	1 st Gen	7.4	12 SP3	NA	Win 16	NA	NA
HPE ProLiant ML30 Gen10	Xeon E	NA	NA	NA	Win 16	NA	NA
HPE ProLiant Microserver Gen10	Opteron	NA	NA	NA	NA	NA	NA
HPE ProLiant ML110 Gen10	2 nd Gen	7.4	12 SP3	NA	Win 16	NA	NA

Description	HPE AMD FirePro S7150x2 Accelerator Kit						
HPE AMD FirePro S7150x2 Accelerator Kit	M3X68A						
Performance	5TF DP 7.54TF SP						
Memory Size	16GB GDDR5						
Memory Bandwidth	256 GB/s						
Cores	3584						
GPU Peer to Peer	PCIe Gen3						
Power	275W						
Supported Servers and Operating Systems							
M3X68C Supported Servers	CPU *	RHEL Enterprise	SLES Enterprise	Ubuntu Community	Windows Enterprise	VMware ESXi	Citrix XenServer
HPE ProLiant DL380 Gen10	1 st Gen	NA	12 SP2	NA	NA	6.5 U1	7.4

Service and Support

Service and Support

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 Datacenter 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 quick-specs, 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.

NOTE: *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
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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