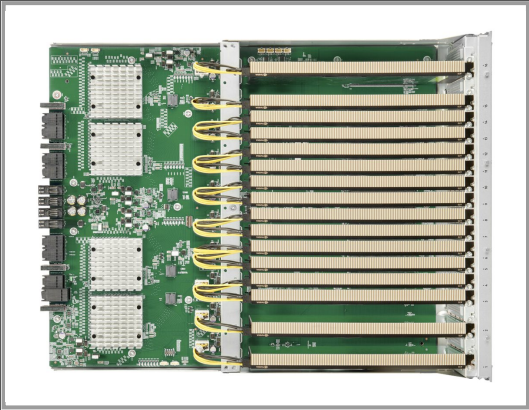


# HPE NVIDIA A10 - GPU computing processor

A10 - 24 GB GDDR6 - PCIe 4.0 - for ProLiant DL345 Gen10 - DL380 Gen10; Synergy 480 Gen10

Group	Graphics Cards
Manufacturer	HPE
Manufacturer item no.	R7G40C
EAN/UPC	0190017497068



## Description

The NVIDIA A10 Tensor Core GPU combines with NVIDIA RTX Virtual Workstation (vWS) software to bring mainstream graphics and video with AI services to mainstream enterprise servers, delivering the solutions that designers, engineers, artists, and scientists need to meet today’s challenges. Built on the latest NVIDIA Ampere architecture, the A10 combines secondgeneration RT Cores, third-generation Tensor Cores, and streaming microprocessors with 24 gigabytes (GB) of GDDR6 memory - all in a 150W power envelope - for versatile graphics, rendering, AI, and compute performance. From virtual workstations, accessible anywhere in the world, to render nodes to the data centers running a variety of workloads, A10 is built to deliver optimal performance in a single-wide, full-height, full-length PCIe form factor.

NVIDIA A10 is supported as part of NVIDIA-Certified Systems, in the onprem data center, in the cloud, and at the edge. NVIDIA A10 builds on the rich ecosystem of AI frameworks from the NVIDIA NGC catalog, CUDA-X libraries, over 2.3 million developers, and over 1,800 GPU-optimized applications to help enterprises solve the most critical challenges in their business.

## Main features

Product Description	NVIDIA A10 - GPU computing processor - A10 - 24 GB
Device Type	GPU computing processor
Bus Type	PCI Express 4.0
Graphics Engine	NVIDIA A10
Memory	24 GB GDDR6
Dimensions (WxDxH)	26.77 cm x 7.6 cm x 11.1 cm
Designed For	ProLiant DL345 Gen10 Plus, DL345 Gen10 Plus Base, DL345 Gen10 Plus Entry, DL380 Gen10 Plus, DL380 Gen10 Plus Network Choice; Synergy 480 Gen10 Plus Base Compute Module

## Extended details

General	
Device Type	GPU computing processor
Bus Type	PCI Express 4.0
Graphics Engine	NVIDIA A10
Features	72 NVIDIA RT Cores, 31 Tflops peak single-precision floating point performance, 125 Tflops peak half-precision floating point performance
Memory	
Size	24 GB

Technology	GDDR6 SDRAM
Bandwidth	600 GBps
	<b>Miscellaneous</b>
Power Consumption Operational	150 Watt
Width	26.77 cm
Depth	7.6 cm
Height	11.1 cm
Weight	560 g
	<b>Manufacturer Warranty</b>
Service & Support	Limited warranty - parts and labour - 1 year
	<b>Compatibility Information</b>
Designed For	HPE ProLiant DL345 Gen10 Plus, DL345 Gen10 Plus Base, DL345 Gen10 Plus Entry, DL380 Gen10 Plus, DL380 Gen10 Plus Network Choice   HPE Synergy 480 Gen10 Plus Base Compute Module

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