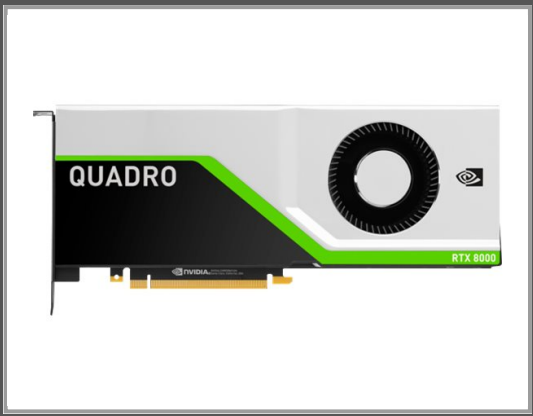


# HPE NVIDIA Quadro RTX 8000 - Graphics card

Quadro RTX 8000 - 48 GB GDDR6 - PCIe 3.0 x16 - for Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10; ProLiant DL380 Gen10

Group	Graphics Cards
Manufacturer	HPE
Manufacturer item no.	R1F97C
EAN/UPC	0190017424057



## Description

Do you require higher performance computation for deep learning, high-performance computing (HPC) workloads, or graphics? Companies are facing greater computational and graphics requirements as large and complex computational models become more commonplace. Traditional CPU technology is no longer able to keep up with these increasing demands. NVIDIA accelerators for HPE ProLiant servers seamlessly integrate GPU computing with select HPE server families. Designed for power-efficient, high-performance supercomputing, NVIDIA accelerators deliver dramatically higher application acceleration than a CPU-only approach for a range of deep learning, scientific, and commercial applications. The thousands of NVIDIA CUDA cores of each accelerator allow it to divide large computing or graphics tasks into thousands of smaller tasks that can be run concurrently, thus enabling much faster simulations and improved graphics fidelity for extremely demanding 3D models.

## Main features

Product Description	NVIDIA Quadro RTX 8000 - graphics card - Quadro RTX 8000 - 48 GB
Device Type	Graphics card
Bus Type	PCI Express 3.0 x16
Graphics Engine	NVIDIA Quadro RTX 8000
Memory	48 GB GDDR6
CUDA Cores	4608
Dimensions (WxDxH)	26.67 cm x 11.1 cm x 3.48 cm
Designed For	Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10; ProLiant DL380 Gen10, DL385 Gen10, XL270d Gen10

## Extended details

General	
Device Type	Graphics card
Bus Type	PCI Express 3.0 x16
Graphics Engine	NVIDIA Quadro RTX 8000
CUDA Cores	4608
Features	Real-Time Ray Tracing, NVIDIA Turing GPU architecture, 16.3 Tflops peak single-precision floating point performance
Memory	

Size	48 GB
Technology	GDDR6 SDRAM
Bandwidth	672 GBps
	<b>Miscellaneous</b>
Power Consumption Operational	295 Watt
Width	26.67 cm
Depth	11.1 cm
Height	3.48 cm
Weight	1.25 kg
	<b>Compatibility Information</b>
Designed For	HPE Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10   HPE ProLiant DL380 Gen10, DL380 Gen10 Base, DL380 Gen10 Entry, DL380 Gen10 Entry SMB, DL380 Gen10 for Cohesity DataPlatform, DL380 Gen10 for SAP HANA Compute Block, DL380 Gen10 High Performance, DL380 Gen10 Network Choice, DL380 Gen10 NVMe All Flash Server for Datera, DL380 Gen10 Performance, DL380 Gen10 SMB, DL380 Gen10 SMB Networking Choice, DL380 Gen10 Solution, DL385 Gen10, DL385 Gen10 Base, DL385 Gen10 Entry, DL385 Gen10 High-Performance, DL385 Gen10 Performance, DL385 Gen10 Solution, XL270d Gen10, XL270d Gen10 for HPE Ezmeral Container Platform

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