

Products	Part Number	GPU Memory	Memory Bandwidth	CUDA Cores	Tensor Cores	RT Cores	Dimensions	Power & Thermal	Display Connectors	Max Displays	VR Ready	Quadro Sync II	NV Link	HWFP64
NVIDIA QUADRO ULTRA HIGH END														
NVIDIA Quadro RTX 8000 VR READY	VCQRTX8000-PB	48 GB GDDR6 ECC	672 GB/s	4608	576	72	4.4" X 10.5"	295 W - Active	DP 1.4 (4), VirtualLink (1)	4	●	●	●	
NVIDIA Quadro RTX 8000 Passive VR READY	VCQRTX8000P-KIT	48 GB GDDR6 ECC	672 GB/s	4608	576	72	4.4" X 10.5"	250 W - Passive	None ¹	Subject to vGPU Software	Quadro vDWS Required		●	
NVIDIA Quadro RTX 6000 VR READY	VCQRTX6000-PB	24 GB GDDR6 ECC	672 GB/s	4608	576	72	4.4" X 10.5"	295 W - Active	DP 1.4 (4), VirtualLink (1)	4	●	●	●	
NVIDIA Quadro RTX 6000 Passive VR READY	VCQRTX6000P-KIT	24 GB GDDR6 ECC	672 GB/s	4608	576	72	4.4" X 10.5"	250 W - Passive	None ¹	Subject to vGPU Software	Quadro vDWS Required		●	
NVIDIA Quadro GV100 VR READY	VCQGV100-PB	32 GB HBM2 ECC	870 GB/s	5120	640	-	4.4" X 10.5"	250 W - Active	DP 1.4 (4)	4	●	●	●	●
NVIDIA Quadro P6000 VR READY	VCQP6000-PB	24 GB GDDR5X ECC	432 GB/s	3840	-	-	4.4" X 10.5"	250 W - Active	DP 1.4 (4), DVI-D DL (1)	4	●	●		
NVIDIA QUADRO HIGH END														
NVIDIA Quadro RTX 5000 VR READY	VCQRTX5000-PB	16 GB GDDR6 ECC	448 GB/s	3072	384	48	4.4" X 10.5"	265 W - Active	DP 1.4 (4), VirtualLink (1)	4	●	●	●	
NVIDIA Quadro P6000 VR READY	VCQP5000-PB	16 GB GDDR5X ECC	288 GB/s	2560	-	-	4.4" X 10.5"	180 W - Active	DP 1.4 (4), DVI-D DL (1)	4	●	●		
NVIDIA QUADRO MID RANGE														
NVIDIA Quadro RTX 4000 VR READY	VCQRTX4000-PB	8 GB GDDR6	416 GB/s	2304	288	36	4.4" x 9.5"	160 W - Active	DP 1.4 (3), VirtualLink (1)	4	●	●		
NVIDIA Quadro P4000 VR READY	VCQP4000-PB	8 GB GDDR6	243 GB/s	1792	-	-	4.4" x 9.5"	105 W - Active	DP (4)	4	●	●		
NVIDIA Quadro P2200	VCQP2200-SB	5 GB GDDR5X	200 GB/s	1280	-	-	4.4" x 7.9"	75 W - Active	DP (4)	4				
NVIDIA Quadro P2000	VCQP2000-PB	5 GB GDDR5	140 GB/s	1024	-	-	4.4" x 7.9"	75 W - Active	DP (4)	4				
NVIDIA Quadro P1000 V2 SFF*	VCQP1000V2-PB	4 GB GDDR5	80 GB/s	640	-	-	2.713" x 5.9"	47 W - Active	mDP (4)	4				
NVIDIA Quadro P1000 V1 SFF*	VCQP1000-PB	4 GB GDDR5	80 GB/s	640	-	-	2.713" x 5.7"	47 W - Active	mDP (4)	4				
NVIDIA QUADRO ENTRY LEVEL														
NVIDIA Quadro P620 V2 SFF*	VCQP620V2-PB	2 GB GDDR5	80 GB/s	512	-	-	2.713" x 5.9"	40 W - Active	mDP (4)	4				
NVIDIA Quadro P620 V1 SFF*	VCQP620-PB	2 GB GDDR5	80 GB/s	512	-	-	2.713" x 5.7"	40 W - Active	mDP (4)	4				
NVIDIA Quadro P400 V2 SFF*	VCQP400V2-PB	2 GB GDDR5	32 GB/s	256	-	-	2.713" x 5.9"	30 W - Active	mDP (3)	4				
NVIDIA Quadro P400 V1 SFF*	VCQP400-PB	2 GB GDDR5	32 GB/s	256	-	-	2.713" x 5.7"	30 W - Active	mDP (3)	4				

¹An NVIDIA vGPU license is required for graphics display support, including Windows WDDM. Quadro vDWS is recommended.

* Small Form Factor, also known as low profile

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