

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	HW FP64
NVIDIA PROFESSIONAL GRAPHICS ULTRA HIGH END														
NVIDIA RTX A6000 • VR	VCNRTXA6000-PB	48 GB GDDR6 ECC	768 GB/s	10752	336	84	4.4" X 10.5"	300 W - Active	DP 1.4 (4)	4	●	●	●	
NVIDIA Quadro RTX 8000 • VR	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	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	NVIDIA vDWS Required		●	
NVIDIA Quadro RTX 6000 • VR	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	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	NVIDIA vDWS Required		●	
NVIDIA Quadro GV100 • VR	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 PROFESSIONAL GRAPHICS HIGH END														
NVIDIA RTX A5000 • VR	VCNRTXA5000-PB	24 GB GDDR6 ECC	768 GB/s	8192	256	64	4.4" x 10.5"	230 W - Active	DP 1.4 (4)	4	●	●	●	
NVIDIA Quadro RTX 5000 • VR	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 PROFESSIONAL GRAPHICS MID RANGE														
NVIDIA RTX A4000 • VR	VCNRTXA4000-PB	16 GB GDDR6 ECC	448 GB/s	6144	192	48	4.4" x 9.5"	140 W - Active	DP 1.4 (4)	4	●	●		
NVIDIA Quadro RTX 4000 • VR	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 RTX A2000 • SFF DS* • VR	VCNRTXA2000-PB	6 GB GDDR6 ECC	288 GB/s	3328	104	26	2.713" x 6.6"	70 W - Active	mDP (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-SB	5 GB GDDR5	140 GB/s	1024	-	-	4.4" x 7.9"	75 W - Active	DP (4)	4				
NVIDIA T1000 • SFF*	VCNT1000-PB	4 GB GDDR6	160 GB/s	896	-	-	2.713" x 6.137"	50 W - Active	mDP (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 PROFESSIONAL GRAPHICS ENTRY LEVEL														
NVIDIA T600 • SFF*	VCNT600-PB	4 GB GDDR6	160 GB/s	640	-	-	2.713" x 6.137"	40 W - Active	mDP (4)	4				
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 T400 • SFF*	VCNT400-PB	2 GB GDDR6	80 GB/s	384	-	-	2.713" x 6.137"	30 W - Active	mDP (3)	4 ²				
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 ²				

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

² NVIDIA T400 and Quadro P400 desktop GPUs can drive four displays via multi-stream transport (MST).

* Small Form Factor, also known as low profile. DS stands for Dual Slot.

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