

Products	Part Number	EDC	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 RTX A6000 <small>VR READY</small>	VCNRTXA6000-PB	6514052	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 <small>VR READY</small>	VCQRTX8000-PB	5494290	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 <small>VR READY</small>	VCQRTX8000P-KIT	TBA	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 <small>VR READY</small>	VCQRTX6000-PB	5716008	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 <small>VR READY</small>	VCQRTX6000P-KIT	TBA	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 <small>VR READY</small>	VCQGV100-BLK	5268533	32 GB HBM2 ECC	870 GB/s	5120	640	-	4.4" X 10.5"	250 W - Active	DP 1.4 (4)	4	●	●	●	●
NVIDIA RTX A5000 <small>VR READY</small>	VCNRTXA5000-PB	6514055	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 <small>VR READY</small>	VCQRTX5000-PB	5475377	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 RTX A4000 <small>VR READY</small>	VCNRTXA4000-PB	6513949	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 <small>VR READY</small>	VCQRTX4000-PB	5470435	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 P2000	VCQP2000-PB	375843	5 GB GDDR5	200 GB/s	1024	-	-	4.4" x 7.7"	75 W - Active	DP (4)	4				
NVIDIA T1000 <small>SFF*</small>	VCNT1000-PB	6570677	4 GB GDDR6	160 GB/s	896	-	-	2.713" x 6.137"	50 W - Active	mDP (4)	4				
NVIDIA Quadro P1000 V2 <small>SFF*</small>	VCQP1000V2-PB	6004051	4 GB GDDR5	80 GB/s	640	-	-	2.713" x 5.9"	47 W - Active	mDP (4)	4				
NVIDIA T600 <small>SFF*</small>	VCNT600-PB	6570688	4 GB GDDR6	160 GB/s	640	-	-	2.713" x 6.137"	40 W - Active	mDP (4)	4				
NVIDIA Quadro P620 V2 <small>SFF*</small>	VCQP620V2-PB	6004238	2 GB GDDR5	80 GB/s	512	-	-	2.713" x 5.9"	40 W - Active	mDP (4)	4				
NVIDIA T400 <small>SFF*</small>	VCNT400-PB	6570692	2 GB GDDR6	80 GB/s	384	-	-	2.713" x 6.137"	30 W - Active	mDP (3)	4 ²				
NVIDIA Quadro P400 V2 <small>SFF*</small>	VCQP400V2-PB	5983423	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