



NVIDIA QUADRO
AUTHORIZED PARTNER
PNY

NVIDIA QUADRO LINE CARD



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	TAA Compliant Option?
NVIDIA QUADRO ULTRA HIGH END															
NVIDIA Quadro RTX 8000 VR READY	VCQRTX8000-PB	48 GB GDDR6 ECC	624 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	VCQRT8000P-KIT	48 GB GDDR6 ECC	624 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	624 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	624 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), VirtualLink (1)	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 DL (1)	4	✓	✓			
NVIDIA QUADRO HIGH END															
NVIDIA Quadro RTX 5000 VR READY	VCQRTX5000-PB	16 GB GDDR6 ECC	416 GB/s	3072	384	48	4.4" x 10.5"	265 W - Active	DP 1.4 (4), VirtualLink (1)	4	✓	✓	✓		✓
NVIDIA Quadro P5000 VR READY	VCQP5000-PB	16 GB GDDR5X ECC	288 GB/s	2560	-	-	4.4" x 10.5"	180 W - Active	DVI DL (1), DP (4)	4	✓	✓			
NVIDIA QUADRO MID RANGE															
NVIDIA Quadro RTX 4000 VR READY	VCQRTX 4000-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 GDDR5	243 GB/s	1792	-	-	4.4" x 9.5"	160 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 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 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 SFF*	VCQP400-PB	2 GB GDDR5	32 GB/s	256	-	-	2.713" x 5.7"	30 W - Active	mDP (3)	4					

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

² TAA version subject to availability, terms and conditions apply. TAA compliant part numbers end in -TAA. Check with your PNY Account Manager for additional information.

* Small Form Factor, also known as low profile

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