

Product Name / Series	PNY Part #	NVIDIA Part #	GPU Memory	Memory Bandwidth	CUDA® Cores	Tensor Cores	RT Cores	Dimensions	Power & Thermal	Display Connectors	Max Displays	VR Ready	Quadro Sync II	NVLink	Hardware FP64	SFF
NVIDIA PROFESSIONAL GRAPHICS ULTRA HIGH END																
NVIDIA RTX PRO™ 6000 Blackwell Workstation Edition	VCNRTXPRO6000B-PB VCNRTXPRO6000B-BLK	900-5G144-2200-000	96GB GDDR7 ECC	1792 GB/s	24064	752	188	5.4" x 12" XHFL DS	600 W Active	DP 2.1b (4)	4	•	•			
NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition	VCNRTXPRO6000BQ-PB VCNRTXPRO6000BQ-BLK	900-5G153-2200-000	96GB GDDR7 ECC	1792 GB/s	24064	752	188	4.4" x 10.5" FHFL DS	300 W Active	DP 2.1b (4)	4	•	•			
NVIDIA RTX PRO™ 5000 Blackwell	VCNRTXPRO5000B-PB VCNRTXPRO5000B-BLK	900-5G153-2250-000	48GB GDDR7 ECC	1344 GB/s	14080	440	110	4.4" x 10.5" FHFL DS	300 W Active	DP 2.1b (4)	4	•	•			
NVIDIA RTX™ 6000 Ada Generation	VCNRTX6000ADA-PB VCNRTX6000ADASYNC-PB	900-5G133-1750-000	48GB GDDR6 ECC	960 GB/s	18176	568	142	4.4" x 10.5" FH DS	300 W Active	DP 1.4 (4)	4	•	•			
NVIDIA RTX™ 5000 Ada Generation	VCNRTX5000ADA-PB VCNRTX5000ADASYNC-PB	900-5G132-1740-000	32GB GDDR6 ECC	576 GB/s	12800	400	100	4.4" x 10.5" FH DS	250 W Active	DP 1.4 (4)	4	•	•			
NVIDIA RTX™ A6000	VCNRTXA6000-PB VCNRTXA6000SYNC-PB	900-5G133-1700-000	48GB GDDR6 ECC	768 GB/s	10752	336	84	4.4" x 10.5" FH DS	300 W Active	DP 1.4 (4)	4	•	•	•		
NVIDIA® A800 40GB Active	VCNA800-PB	900-51001-1700-000	40GB HBM2 ECC	1555.2 GB/s	6912	432	-	4.4" x 10.5" FH DS	240 W Active	None - Requires companion NVIDIA RTX 4000 Ada, RTX A4000 or RTX A1000	4 When Used with Companion Card			•	•	
NVIDIA RTX™ A5500	VCNRTXA5500-PB VCNRTXA5500SYNC-PB	900-5G132-1770-000	24GB GDDR6 ECC	768 GB/s	10240	320	80	4.4" x 10.5" FH DS	230 W Active	DP 1.4 (4)	4	•	•	•		
NVIDIA PROFESSIONAL GRAPHICS HIGH END																
NVIDIA RTX PRO™ 4500 Blackwell	VCNRTXPRO4500B-PB VCNRTXPRO4500B-BLK	900-5G147-2250-000	32GB GDDR7 ECC	896 GB/s	10496	328	82	4.4" x 10.5" FHFL DS	200 W	DP 2.1b (4)	4	•	•			
NVIDIA RTX PRO™ 4000 Blackwell	VCNRTXPRO4000B-PB VCNRTXPRO4000B-BLK	900-5G147-2270-000	24GB GDDR7 ECC	672 GB/s	8960	280	70	4.4" x 9.5" FHML SS	140 W	DP 2.1b (4)	4	•	•			
NVIDIA RTX™ 4500 Ada Generation	VCNRTX4500ADA-PB VCNRTX4500ADASYNC-PB	900-5G132-1760-000	24GB GDDR6 ECC	432 GB/s	7680	240	60	4.4" x 10.5" FH DS	210 W Active	DP 1.4 (4)	4	•	•			

¹ NVIDIA® T400 4GB can drive four DisplayPort displays via multi-stream transport (MST).

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Part Numbers Include:

-PB = NVIDIA GPU and accessories
-B = NVIDIA GPU only
-BLK = Multi-pack NVIDIA GPUs and accessories
-EDU = NVIDIA GPU and auxiliary power cable



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NVIDIA PROFESSIONAL GRAPHICS HIGH END																
NVIDIA RTX™ A4500	VCNRTXA4500-PB VCNRTXA4500SYNC-PB	900-5G132-1750-000	20GB GDDR6 ECC	640 GB/s	7168	224	56	4.4" x 10.5" FH DS	200 W Active	DP 1.4 (4)	4	•	•	•		
NVIDIA RTX™ 4000 Ada Generation	VCNRTX4000ADA-PB VCNRTX4000ADASYNC-PB	900-5G190-1770-000	20GB GDDR6 ECC	360 GB/s	6144	192	48	4.4" x 9.5" FH SS	130 W Active	DP 1.4 (4)	4	•	•			
NVIDIA RTX™ 4000 SFF Ada Generation	VCNRTX4000ADALP-PB VCNRTX4000ADALPSY-PB	900-5G192-1770-000	20GB GDDR6 ECC	320 GB/s	6144	192	48	4.7" x 6.6" LP DS	70 W Active	mDP 1.4 (4)	4	•	•			•
NVIDIA PROFESSIONAL GRAPHICS MID RANGE																
NVIDIA RTX™ A4000	VCNRTXA4000-PB VCNRTXA4000SYNC-PB	900-5G190-1700-000	16GB GDDR6 ECC	448 GB/s	6144	192	48	4.44" x 9.5" FH SS	140 W - Active	DP 1.4 (4)	4	•	•			•
NVIDIA RTX™ 2000 Ada Generation	VCNRTX2000ADALP-PB	900-5G192-1740-000	16GB GDDR6 ECC	224 GB/s	2816	88	22	2.7" x 6.6" LP DS	70 W - Active	mDP 1.4 (4)	4	•				•
NVIDIA RTX™ 2000E Ada Generation	VCNRTX2000ADAS-LLP VCNRTX2000EADA	900-5G192-1720-E00	16GB GDDR6 ECC	224 GB/s	2816	88	22	2.7" x 6.6" LP SS	50 W - Active	mDP 1.4 (4)	4	•				•
NVIDIA RTX™ A2000 12GB	VCNRTXA200012GB-PB	900-5G192-1750-000	12GB GDDR6 ECC	288 GB/s	3328	104	26	2.713" x 6.6" LP DS	70 W - Active	mDP 1.4	4	•				•
NVIDIA RTX™ 5000 Ada Generation	VCNRTX5000ADA-PB VCNRTX5000ADASYNC-PB	900-5G132-1740-000	32GB GDDR6 ECC	576 GB/s	12800	400	100	4.4" x 10.5" FH DS	250 W - Active	DP 1.4 (4)	4	•	•			
NVIDIA PROFESSIONAL GRAPHICS ENTRY LEVEL																
NVIDIA RTX™ A1000	VCNRTXA1000ATX-PB	900-5G172-2280-000	8GB GDDR6	192 GB/s	2304	72	18	2.7" x 6.4" LP SS	50 W - Active	mDP 1.4 (4)	4					•
NVIDIA® T1000 8GB	VCNT10008GB-PB	900-5G172-1770-000	8GB GDDR6	160 GB/s	896	-	-	2.713" x 6.137" LP SS	50 W - Active	mDP 1.4	4					•
NVIDIA RTX™ A400	VCNRTXA400ATX-PB	900-5G172-2260-000	4GB GDDR6	96 GB/s	768	24	6	2.7" x 6.4" LP SS	50 W - Active	mDP 1.4 (4)	4					•
NVIDIA® T400 4GB	VCNT4004GB-PB	900-5G172-1740-000	4GB GDDR6	80 GB/s	384	-	-	2.713" x 6.137" LP SS	30 W - Active	mDP 1.4	4 ¹					•

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