

Products	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™ 6000 Ada	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	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	None Requires companion NVIDIA RTX 4000 Ada, RTX A4000 or T1000 8GB	4 When Used with Companion Card	When Used with NVIDIA RTX 4000 Ada or RTX A4000		•	•	
NVIDIA RTX™ A5500	VCNRTXA5500-PB VCNRTXA5500SYNC-PB	900-5G132-1770-000	24GB GDDR6 ECC	768 GB/s	10240	320	80	4.4" H x 10.5" FH DS	230 W - Active	DP 1.4 (4)	4	•	•	•		
NVIDIA PROFESSIONAL GRAPHICS HIGH END																
NVIDIA RTX™ A5000	VCNRTXA5000-PB VCNRTXA5000SYNC-PB	900-5G132-1700-000	24GB GDDR6 ECC	768 GB/s	8192	256	64	4.4" x 10.5" FH DS	230 W - Active	DP 1.4 (4)	4	•	•	•		
NVIDIA RTX™ 4500 Ada	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	•	•			
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	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 PROFESSIONAL GRAPHICS MID RANGE																
NVIDIA RTX™ 4000 SFF Ada	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 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	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	DP 1.4 (4)	4	•				•
NVIDIA RTX™ 2000E Ada	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	DP 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 (4)	4	•				•
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 (4)	4					•
NVIDIA PROFESSIONAL GRAPHICS ENTRY LEVEL																
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 (3)	4 ¹					•

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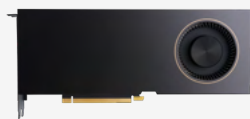
Part Numbers Include:

-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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Largest CAD/3D/AI models,
CAE, photorealistic interactive
ray tracing of complex scenes,
seismic exploration, 8K DCC, DL
& ML



**NVIDIA RTX™ 6000 Ada
Generation 48GB**

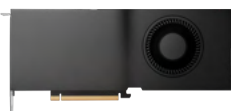


**NVIDIA® A800 40GB Active
Ampere 40GB**



**NVIDIA RTX™ A6000
Ampere 48GB**

Large/complex CAD/3D/AI
models and assemblies, seismic
exploration, complex, DCC
effects, ray-traced renders



**NVIDIA RTX™ 5000
Ada Generation 32GB**



**NVIDIA RTX™ A5500
Ampere 24GB**



**NVIDIA RTX™ 4500
Ada Generation 24GB**

Large/complex CAD/3D models
and assemblies, entry AI
datasets;
special effects; interactive ray
tracing; simulation



**NVIDIA RTX™ 4000
Ada Generation 20GB**



**NVIDIA RTX™ A5000
Ampere 24GB**



**NVIDIA RTX™ A4500
Ampere 20GB**



**NVIDIA RTX™ A4000
Ampere 16GB**

Small to mid-size CAD/3D
models, AI and ray tracing
capabilities for creative/design
apps, VR Ready



**NVIDIA RTX™ 4000 SFF
Ada Generation 20GB***



**NVIDIA RTX™ 2000
Ada Generation 16GB**



**NVIDIA RTX™ 2000E
Ada Generation 16GB**



**NVIDIA RTX™ A2000
Ampere 12GB***

Component Design, Basic DCC,
PLM, Multi-App Knowledge
Worker



**NVIDIA RTX™ A1000
8GB***



**NVIDIA RTX™ A400
4GB***



**NVIDIA® T1000
8GB***



**NVIDIA® T1000
4GB***



**NVIDIA® T400
4GB***

* Small Form Factor

