



| 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 | 900-5G133-2550-000 | 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 | 900-5G132-2540-000 | 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 | 900-5G133-2500-000 | 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 | 900-5G132-2570-000 | 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 | 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 | 900-5G132-2500-000 | 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 | 900-5G132-2550-000 | 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 | 900-5G190-2570-000 | 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 | 900-5G192-2571-000 | 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™ 2000 Ada | VCNRTX2000ADA-PB | 900-5G192-2541-000 | 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™ A4000 | VCNRTXA4000-PB | 900-5G190-2500-000 | 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™ A2000 12GB | VCNRTXA200012GB-PB | 900-5G192-2551-000 | 12GB GDDR6 ECC | 288 GB/s | 3328 | 104 | 26 | 2.713" x 6.6" LP DS | 70 W - Active | mDP (4) | 4 | ● | | | | ● |
| NVIDIA® T1000 8GB | VCNT10008GB-PB | 900-5G172-2570-000 | 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® T400 4GB | VCNT4004GB-PB | 900-5G172-2540-000 | 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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 or email GOPNY@PNY.COM
WWW.PNY.COM/PRO-GRAPHICS

Part Numbers Include:

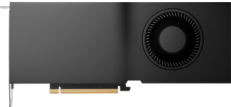
- PB = NVIDIA GPU and accessories
- SB = NVIDIA GPU only
- BLK = Multi-pack NVIDIA GPUs and accessories
- EDU = NVIDIA GPU and auxiliary power cable

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

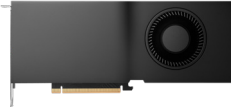


NVIDIA RTX™ 6000 Ada Generation 48GB

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



NVIDIA RTX™ 5000 Ada Generation 32GB



NVIDIA RTX™ A6000 Ampere 48GB



NVIDIA® A800 40GB Active Ampere 40GB

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



NVIDIA RTX™ 4500 Ada Generation 24GB



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™ A2000 12GB*

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



NVIDIA® T400 4GB*



NVIDIA® T1000 8GB*



NVIDIA® T1000 4GB*

* Small Form Factor