NVIDIA PROFESSIONAL GRAPHICS

Linecard

PNY PRO | NVIDIA RTX PRO

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	RTX PRO SYNC	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	24,064	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	24,064	752	188	4.4" x 10.5" FHFL | DS	300 W Active	DP 2.1b (4)	4	•	•			
NVIDIA RTX PRO™ 5000 72GB Blackwell	VCNRTXPRO5000B72-PB VCNRTXPRO5000B72-BLK	900-5G153-2270-000	72GB GDDR7 ECC	1344 GB/s	14,080	440	110	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	14,080	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	900-5G133-2250-000	48GB GDDR6 ECC	960 GB/s	18,176	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	900-5G132-2240-000	32GB GDDR6 ECC	576 GB/s	12,800	440	100	4.4" x 10.5" FH | DS	250 W Active	DP 1.4 (4)	4	•	•			
NVIDIA® A800 40GB Active	VCNA800-PB	900-51001-2200-000	40GB HBM2 ECC	1555.2 GB/s	6,912	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	When Used with NVIDIA RTX 4000 Ada or RTX A4000		•	•	
NVIDIA PROFESSIONAL GRAPHICS HIGH END																
NVIDIA RTX PRO™ 4500 Blackwell	VCNRTXPRO4500B-PB VCNRTXPRO4500B-BLK	900-5G147-2250-000	32GB GDDR7 ECC	896 GB/s	10,496	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	8,960	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	900-5G132-2260-000	24GB GDDR6 ECC	432 GB/s	7,680	240	60	4.4" x 10.5" FH | DS	210 W Active	DP 1.4 (4)	4	•	•			

PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 973-515-9700 | Fax 973-560-5590 | WWW.PNY.COM

Features and specifications subject to change without notice. The PNY logo is a registered trademark of PNY Technologies, Inc. All other trademarks are the property of their respective owners. ©2025 PNY Technologies, Inc. All rights reserved.

PNY 3 THREE YEAR WARRANTY

Contact a PNY account manager or email GOPNY@PNY.COM
WWW.PNY.COM/PRO-GRAPHICS

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

REV. 10.30.25

NVIDIA PROFESSIONAL GRAPHICS

Linecard

PNY PRO | NVIDIA RTX PRO

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	RTX PRO SYNC	NVLink	Hardware FP64	SFF
NVIDIA PROFESSIONAL GRAPHICS HIGH END																
NVIDIA RTX™ 4000 Ada Generation	VCNRTX4000ADA-PB VCNRTX4000ADASYNC-PB	900-5G190-2270-000	20GB GDDR6 ECC	360 GB/s	6,144	192	48	4.4" x 9.5" FH | SS	130 W Active	DP 1.4 (4)	4	•	•			
NVIDIA RTX PRO™ 4000 SFF Blackwell Edition	VCNRTXPRO4000BLP-PB	900-5G195-2200-000	24GB GDDR7 ECC	432 GB/s	8,960	280	70	2.7" x 6.6" LP | DS	70 W Active	mDP 2.1b (4)	4	•	•			•
NVIDIA RTX™ 4000 SFF Ada Generation	VCNRTX4000ADALP-PB VCNRTX4000ADALPSY-PB	900-5G192-2270-000	20GB GDDR6 ECC	320 GB/s	6,144	192	48	2.7" x 6.6" LP | DS	70 W Active	mDP 1.4 (4)	4	•	•			•
NVIDIA PROFESSIONAL GRAPHICS MID RANGE																
NVIDIA RTX PRO™ 2000 Blackwell	VCNRTXPRO2000B-PB	900-5G195-2250-000	16GB GDDR7 ECC	288 GB/s	4,352	136	34	2.7" x 6.6" LP | DS	70 W Active	mDP 2.1b (4)	4	•				•
NVIDIA RTX™ 2000 Ada Generation	VCNRTX2000ADA-PB	900-5G192-2240-000	16GB GDDR6 ECC	224 GB/s	2,816	88	22	2.7" x 6.6" LP | DS	70 W Active	mDP 1.4 (4)	4	•				•
NVIDIA RTX™ 2000E Ada Generation	VCNRTX2000ADAS-LLP	900-5G192-2220-E00	16GB GDDR6 ECC	224 GB/s	2,816	88	22	2.7" x 6.6" LP | SS	50 W Active	mDP 1.4 (4)	4	•				•
NVIDIA PROFESSIONAL GRAPHICS ENTRY LEVEL																
NVIDIA RTX™ A1000	VCNRTXA1000ATX-PB	900-5G172-2280-000	8GB GDDR6	192 GB/s	2,304	72	18	2.7" x 6.4" LP | SS	50 W Active	mDP 1.4 (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					•

PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 973-515-9700 | Fax 973-560-5590 | WWW.PNY.COM

Features and specifications subject to change without notice. The PNY logo is a registered trademark of PNY Technologies, Inc. All other trademarks are the property of their respective owners. ©2025 PNY Technologies, Inc. All rights reserved.

PNY 3 THREE YEAR WARRANTY

Contact a PNY account manager or email GOPNY@PNY.COM
WWW.PNY.COM/PRO-GRAPHICS

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

REV. 10.30.25