

NVIDIA QUADRO[®]
AUTHORIZED PARTNER

PNY[®]

4 REASONS WHY PNY IS THE RIGHT CHOICE

Government and Defense Programs

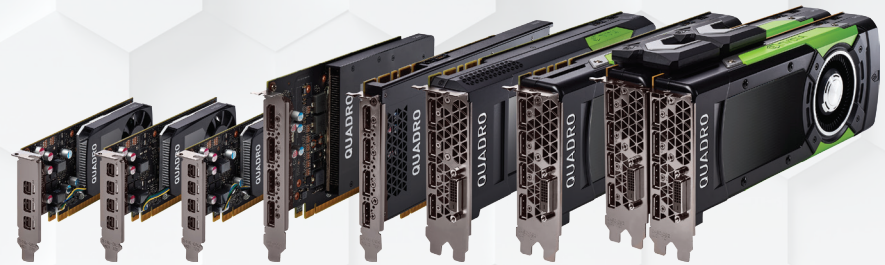
1. PNY OFFERS SPECIAL GOVERNMENT PRICING

PNY offers a special discount to all qualified government and educational customers on NVIDIA Quadro* professional graphics solutions. This discount is available through participating distributors only. To see if you qualify, contact your PNY account manager at GOPNY@PNY.COM.

2. PNY OFFERS A FULL RANGE OF GPU PRODUCTS AND SOLUTIONS

PNY offers a full line of professional GPU solutions to meet any project need, including the NVIDIA[®] Quadro[®] line of professional graphics solutions.

NVIDIA Quadro is the world's most advanced and trusted graphics accelerator of professional workflows.



3. PNY OFFERS PRODUCTS THAT ARE USED IN MANY GOVERNMENT PROGRAMS

Whether it's for Deep Learning (AI), Computation, Virtual Reality, Scientific Visualization, Signal Processing or CAD/CAE, our professional graphics solutions are certified on over 100+ industry leading applications and can be found supporting all levels of government and defense:

- AVIATION
- DEFENSE/MILITARY
- GOVERNMENT AGENCIES
- INTELLIGENCE
- TRAINING / SIMULATION
- RESEARCH AND DEVELOPMENT

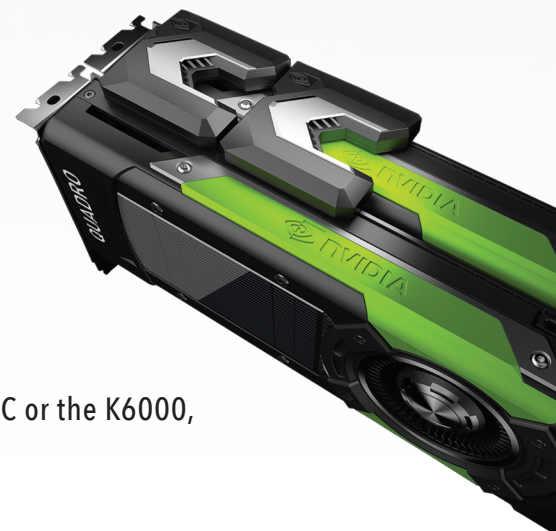
4. PNY OFFERS QUADRO GP100 FOR SUPERCOMPUTING, CAE AND DEEP LEARNING (AI)

NVIDIA QUADRO GP100

The NVIDIA Quadro GP100, powered by NVIDIA's Pascal GPU architecture, is equipped with the most advanced visualization and simulation capabilities to meet the needs of the most demanding professional workflows.

Combining both high compute and graphics performance on a single board, the GP100 is the perfect upgrade to existing Tesla K40C and Quadro K6000 installations.

To learn about the Features and Benefits of the GP100 compared to the Tesla K40C or the K6000, **FLIP OVER THE PAGE AND CHECK OUT THE TABLE.**



* Quadro Specialty skus do not qualify for discount.

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	TESLA K40C	QUADRO K6000	QUADRO GP100	BENEFIT
GPU ARCHITECTURE	KEPLER (GEN -2)	KEPLER (GEN -2)	PASCAL	NVIDIA'S LATEST GPU ARCHITECTURE
CUDA CORES	2880	2880	3584	FASTER RENDERING AND COMPUTE PERFORMANCE
FP64 PERFORMANCE	1.7 TFLOPS	1.7 TFLOPS	5.2 TFLOPS	206% GREATER FP64 COMPUTE PERFORMANCE
FP32 PERFORMANCE	4.29 TFLOPS	4.29 TFLOPS	10.3 TFLOPS	140% BETTER FP32 COMPUTE PERFORMANCE
FP16 PERFORMANCE	NONE	NONE	20.7 TFLOPS	REQUIRED FOR DEEP LEARNING (AI)
INT8 PERFORMANCE	NONE	NONE	47 TOPS	OPTIMIZES NEURAL NETWORK (AI) INFERENCE
MEMORY SIZE	12 GB GDDR5 ECC	12 GB GDDR5 ECC	16 GB HBM2 ECC	NEXT GENERATION MEMORY TECHNOLOGY
ECC MEMORY OVERHEAD	6.25% (11.25 GB AVAILABLE)	6.25% (11.25 GB AVAILABLE)	NONE, 16 GB AVAILABLE	NO ECC CAPACITY OR PERFORMANCE HIT
MEMORY BUS WIDTH	384-BIT	384-BIT	4096-BIT	RADICALLY ADVANCED MEMORY BUS IMPLEMENTATION
PEAK MEMORY BANDWIDTH	288 GB/S	288 GB/S	717 GB/S	MOVE DATA TO AND FROM 149% GPU FASTER
DISPLAY SUPPORT	NONE	2X DP 1.2 + 2X DVI DL	4X DP 1.4 + 1X DVI-D DL	SUPPORTS FOUR 5K OR MULTIPLE 8K DISPLAYS
HDR IMAGE SUPPORT	NO	NO	YES	MORE LIFELIKE IMAGES
VR READY	NO	NO	YES	PERFORMANCE AND FEATURES TO DRIVE VR EXPERIENCES
BOARD POWER	225 W	225 W	235 W	MUCH HIGHER PERFORMANCE AT SIMILAR POWER
AUXILIARY POWER CONNECTOR	2X 6-PIN PCIE	2X 6-PIN PCIE	8-PIN PCIE	SIMPLIFIED POWER SUPPLY CONNECTIVITY
FORM FACTOR	4.376" H X 10.5" L DUAL SLOT	4.376" H X 10.5" L DUAL SLOT	4.4" H X 10.5" L DUAL SLOT	NO SIGNIFICANT MECHANICAL CHANGES

HAVE QUESTIONS ON THE NEW NVIDIA QUADRO GP100?

CONTACT YOUR **PNY ACCOUNT MANAGER** OR EMAIL: GOPNY@PNY.COM

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