

NVIDIA QUADRO GP100 FOR ENGINEERING ANALYSIS AND DESIGN

Give engineering productivity and development workflows a GPU boost by performing structural, fluid dynamics or electromagnetic analysis with applications such as ANSYS® and SIMULIA™ Abaqus by Dassault Systèmes®.

QUADRO GP100 COMPUTE AND ENGINEERING SIMULATION FOR:

- Computational Fluid Dynamics
- Computational Structural Mechanics
- Design and Visualization
- Electronic Design Automation

QUADRO GP100 - HIGHEST PERFORMANCE DIGITAL PRODUCT DEVELOPMENT WORKFLOW

- **MIXED PRECISION PROCESSING:** Delivers 5.3 TFLOPS of FP64 Double Precision Floating Point, 10.6 TFLOPS of FP32 Single Precision Floating Point, 20.7 TFLOPS of FP16 Half Precision Floating Point.
- **LARGE DEDICATED HBM2 MEMORY:** Peak performance of 720GB/s significantly improves application performance, without any ECC capacity hit or performance overhead.
- **NVIDIA NVLINK HIGH SPEED INTERFACE:** Connect a pair of Quadro GP100 cards with NVLink to increase the effective memory footprint and scale application performance by enabling GPU-to-GPU data transfers at rates up to 80 GB/s (bidirectional).
- **SOFTWARE SUPPORT:** CUDA 8 Accelerated math libraries, NVIDIA GPUDirect™, Unified Memory and NVIDIA Enterprise Management Tools.
- **RELIABILITY:** Designed, built and tested by NVIDIA to rigorous standards, long product lifecycles and a 3-year warranty – all with pre- and post-sales support.

WHY UPGRADE TO NVIDIA QUADRO GP100?

- Perfect upgrade to replace older Kepler architecture products with the latest Pascal GP100 GPU.
- Significantly higher performance (over 3x) than gen-2 Quadro K6000 and Tesla K40c boards.
- Fastest actively cooled compute Pascal GP100 GPU processor with graphics outputs.

HAVE QUESTIONS ON THE NEW NVIDIA QUADRO GP100? CONTACT YOUR **PNY ACCOUNT MANAGER** OR EMAIL: GOPNY@PNY.COM

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