

UNMATCHED POWER. UNMATCHED CREATIVE FREEDOM.

NVIDIA QUADRO P620—REALIZING DEMANDING VISUAL COMPUTING WORKFLOW PERFORMANCE.

The NVIDIA Quadro P620 combines a 512 CUDA core Pascal GPU, large on-board memory and advanced display technologies to deliver amazing performance for a range of professional workflows. 2GB of ultra-fast GPU memory enables the creation of complex 2D and 3D models and a flexible single-slot, low-profile form factor makes it compatible with even the most space and power-constrained chassis. Support for four 4K displays (4096 x 2160 at 60Hz) with HDR color gives you an expansive visual workspace to view your creations in stunning detail.

Professionals are increasingly looking to lower the total cost of their computing solutions. Today's modern multi-application workflows require users to evaluate the impact of workstation functionality and performance against cost to ensure that any savings achieved by lower cost computing solutions will not result in schedule impacts and business loss.

SPECIFICATIONS AND SOLUTIONS

Compatible in all systems that accept an NVIDIA Quadro P620

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Optimised for Exacta Proline Workstations NVIDIA Quadro P620

CUDA Cores	512
Peak Single Precision FP32	1.386 TFLOPS
Performance GPU Memory Memory	2 GB GDDR5
Interface	128-bit
Memory Bandwidth	80 GB/s
System Interface	PCI Express 3.0
Maximum Power Consumption	x16 40W
Quadro Power Guidelines	
Energy Star Enabling	Yes
Thermal Solution	Ultra-quiet active fansink
Form Factor	2.713" H x 5.906" L, Single Slot
Display Connectors	mDP 1.4 (4)
DisplayPort with Audio	Yes
DVI-D Single-Link Connector	Via optional adapters
HDMI Support	Via optional adapters
VGA Support	Via optional adapters
Number of Displays Supported	4
Maximum DP 1.4 Resolution	HDR 5120 x 2880 at 60Hz (30-bit color)
5K Display Support	HDR 5120 x 2880 at 60Hz (30-bit color)
4K Display Support	HDR 4096 x 2160 at 60Hz or 3840 x 2160 at 60Hz
Maximum DVI-D DL Resolution	2560 x 1600 at 60Hz via 3rd party adapter
Maximum DVI-D SL Resolution	1920 x 1200 at 60Hz via optional adapter
Quadro and NVS Display Resolution	
Support HDCP Support	Yes
Graphics APIs	Shader Model 5.1, OpenGL 4.5, DirectX 12.0, Vulkan
Compute APIs	1.0 CUDA, DirectCompute, OpenCL
NVIEW	Yes
NVIDIA MOSAIC	Yes (Windows 10, 8.1, 8, 7, and Linux)
Warranty	3 Years

