UNMATCHED POWER. UNMATCHED CREATIVE FREEDOM.
NVIDIA® QUADRO® P620 V2

Powerful Professional Graphics with Expansive 4K Visual Workspace

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. 2 GB 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 up to four 4K displays (4096x2160 @ 60 Hz) with HDR color gives you an expansive visual workspace to view your creations in stunning detail.

Quadro cards are certified with a broad range of sophisticated professional applications, tested by leading workstation manufacturers, and backed by a global team of support specialists, giving you the peace of mind to focus on doing your best work. Whether you're developing revolutionary products or telling spectacularly vivid visual stories, Quadro gives you the performance to do it brilliantly.

THE PNY ADVANTAGE

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver software installation disc and documentation to ensure a quick and successful install.

FEATURES

> Four Mini DisplayPort 1.4 Connectors[1]
> DisplayPort with Audio
> NVIDIA nView® Desktop Management Software
> HDCP 2.2 Support
> NVIDIA Mosaic[2]

PACKAGE CONTENTS

> NVIDIA® Quadro® P620 Professional Graphics Board
> Attached Full-Hight (ATX) Bracket
> Unattached Low-Profile (SFF) Bracket
> Software Installation Disc
> Printed Quick Start Guide
> Four Mini DisplayPort to DisplayPort Adapters
> One Mini DisplayPort to DVI SL Adapter

WARRANTY AND SUPPORT

> 3-Year Warranty
> Pre- and Post-Sales Technical Support
> Dedicated Field Application Engineers
> Direct Tech Support Hot Lines

PNY PART NUMBER	VCQP620V2-PB
	VCQP620DVIV2-PB*

SPECIFICATIONS

GPU Memory	2 GB GDDR5
Memory Interface	128-bit
Memory Bandwidth	Up to 80 GB/s
NVIDIA CUDA® Cores	512
System Interface	PCI Express 3.0 x16
Max Power Consumption	40 W
Thermal Solution	Active
Form Factor	6,89 cm H x 15 cm L, Single Slot, Low Profile
Display Connectors	4x Mini DisplayPort 1.4
Max Simultaneous Displays	4 direct, 4x DisplayPort 1.4 Multi-Stream
Display Resolution	4x 4096x2160 @ 60 Hz 4x 5120x2880 @ 60Hz
Graphics APIs	Shader Model 5.1, OpenGL 4.5[3], DirectX 12.0[4], Vulkan 1.0[3]
Compute APIs	CUDA, DirectCompute, OpenCL™

*VCQP600DVIV2-PB includes four mDP to DVI-D SL adapters only

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